

STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 18, 1982

Superior Oil Company
P. O. Drawer G
Cortez, Colorado 81321

Re: Well No. Navajo #1-1
Sec. 1, T. 42S, R. 24E.
San Juan County, Utah

Gentlemen:

According to drilling reports and a Designation of Operator received from Superior Oil Company, this well is now operated by Superior. We have not received the proper information stating that Superior Oil Company is now operator of this well. If they have resumed operations on this well, it is your responsibility as previous operator to submit those changes to this office. Please send in those changes stated on a Sundry Notice OGC-1b (enclosed). If Superior Oil has not taken over responsibility of this well, please explain why their office is sending in the forms for this well.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our company.

Thank you for your prompt attention to the above matter.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf
Enclosures

Board: Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck
Robert R. Norman • Margaret R. Bird • Herm Olsen

Permitco

A Petroleum Permitting Company

November 4, 1982

State of Utah
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

RE: Raymond T. Duncan
#1-1 Navajo
710' FSL & 1180' FEL
Section 1, T42S-R24E
San Juan County, Utah

Gentlemen:

Raymond T. Duncan proposes to drill a well at the above-mentioned location.

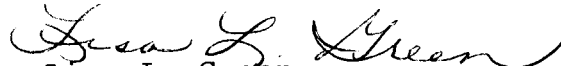
We realize that this location is a **non-standard location**, in accordance with the spacing rules for the State of Utah. This location was picked due to topography and extensive seismic work which was done in the immediate area.

Raymond T. Duncan is the lease holder of all of Section 1, T42S-R24E. Therefore, **no other lease holders will be affected** by the drilling of the above-proposed well.

We, therefore, request your permission to drill this well at a non-standard location.

Sincerely,

PERMITCO


Lisa L. Green
Consultant for
Raymond T. Duncan

LLG/tjb

Enclosures

cc: MMS - Salt Lake City, Durango
BLM - Monticello
Raymond T. Duncan



DIVISION OF
OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

(Other instructions on reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. Lease Designation and Serial No. NOO-C-14-20-5119
b. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name Navajo
2. Name of Operator Raymond T. Duncan c/o PERMITCO		7. Unit Agreement Name
3. Address of Operator 1777 So. Harrison St., Penthouse #1, Denver, CO 80210		8. Farm or Lease Name Navajo
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 710' FSL and 1180' FEL At proposed prod. zone SE SE		9. Well No. #1-1
14. Distance in miles and direction from nearest town or post office* Approximately 13 miles southeast of Montezuma Creek		10. Field and Pool, or Wildcat Wildcat UNDESIGNATED
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 140		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 1, T42S-R24E
16. No. of acres in lease 640		12. County or Parrish San Juan
17. No. of acres assigned to this well 160		13. State Utah
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. none		19. Proposed depth 5750'
20. Rotary or cable tools Rotary		21. Elevations (Show whether DF, RT, GR, etc.)
22. Approx. date work will start* November 15, 1982		

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	48#	110'	Cement to Surface
12-1/4"	8-5/8"	24#	300'	Cement to Surface
7-7/8"	5-1/2"	15.5#	5750'	300 sx or sufficient to cover zones of interest

We propose to drill a well to 5750' to test the Desert Creek Formation. If productive, we will run casing and complete. If dry, we will plug and abandon as per State of Utah, MMS and BIA requirements.

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: 11-9-82
BY: [Signature]
DIVISION OF OIL, GAS & MINING

NOV 08 1982

IN ABOVE SPACE DESCRIBE PROPOSED WORK. If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed: W. S. Fallon Title: Production Manager Date: 11/3/82
 W.S. Fallon Title: W.S. Fallon Date: 11/3/82

(This space for Federal or State office use)

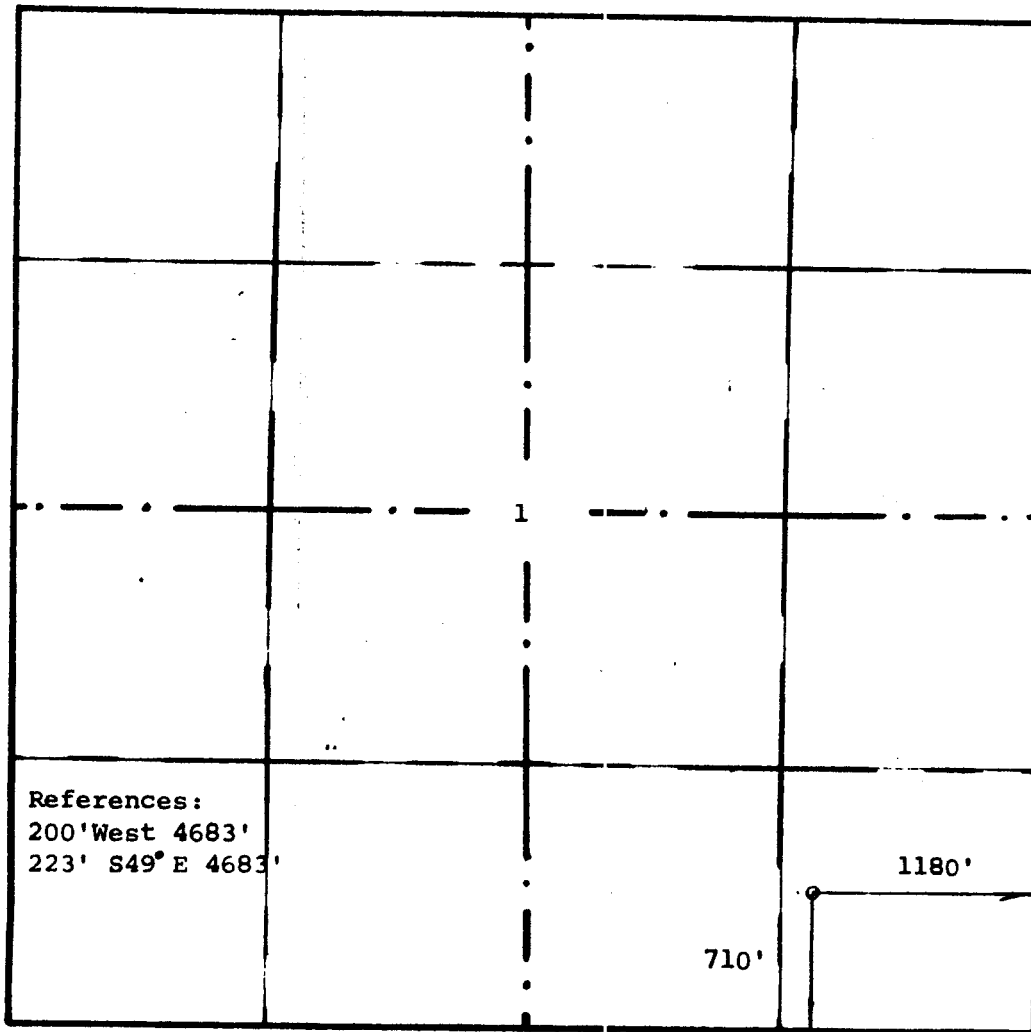
Permit No. _____ Approval Date _____

 Approved by _____ Title _____ Date _____
 Conditions of approval, if any: _____



POWERS ELEVATION

Well Location Plat

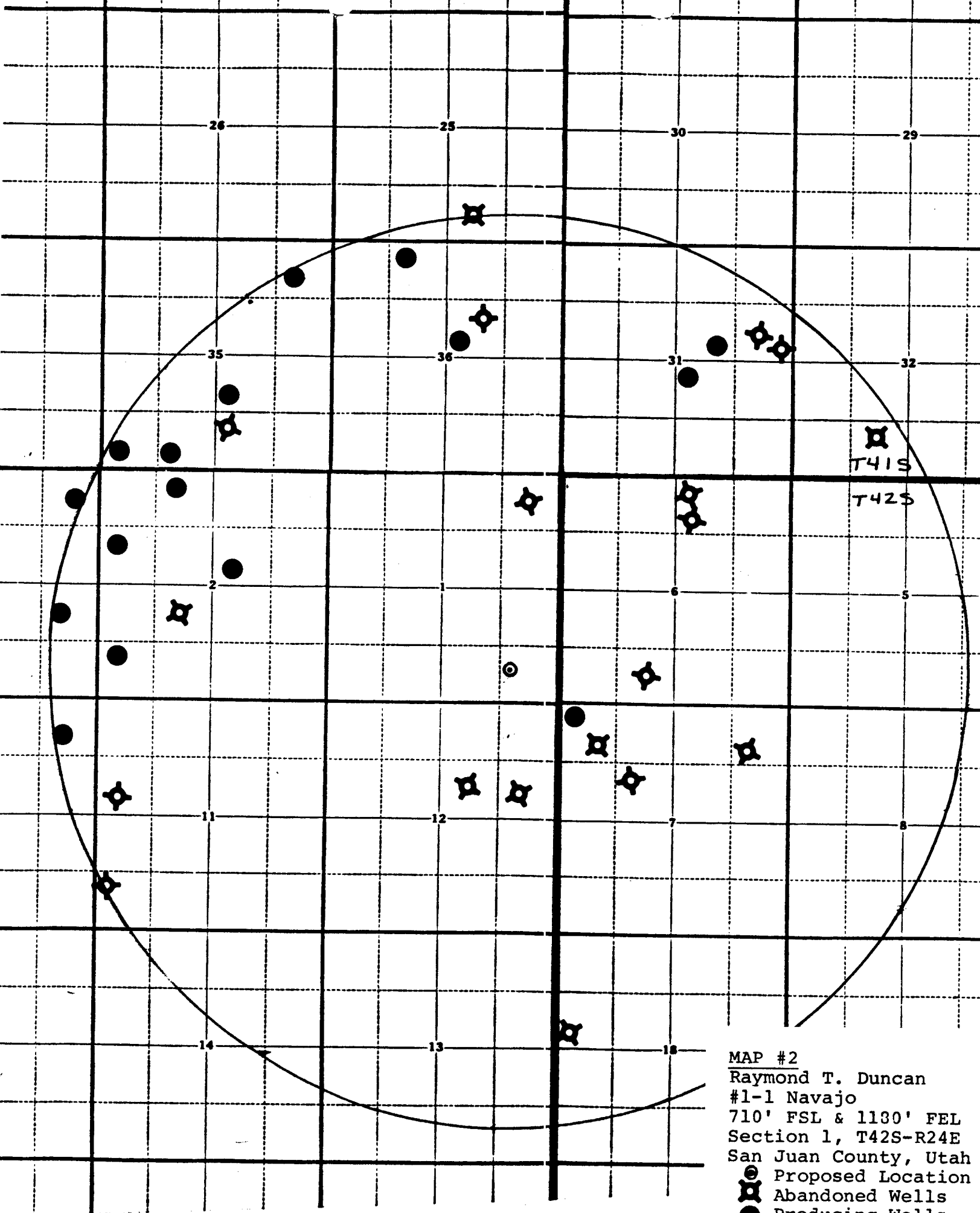


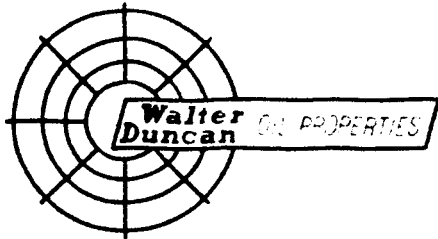
1"=1000'

Operator Raymond T. Duncan		Well name #1-1 Navajo	
Section 1	Township 42 South	Range 24 East	Meridian Salt Lake
Footages 710' FSL & 1180' FEL			County/State San Juan, Utah
Elevation 4682'	Requested by Lisa Green		
<p>The above plat is true and correct to the best of my knowledge and belief.</p> <p>26 October 1982</p> <p><i>Gerald G. Huddleston</i> Gerald G. Huddleston, L.S. Utah Exception</p>			

R24E

R25E





1777 SOUTH HARRISON STREET • PENTHOUSE ONE
TELEPHONE (303) 759-3303 • DENVER, COLORADO 80210

October 18, 1982

TO WHOM IT MAY CONCERN

Permitco is authorized to act as agent on behalf of Raymond T. Duncan to file applications and necessary paperwork to obtain permits to drill oil and gas wells in the Rocky Mountain Area.

RAYMOND T. DUNCAN

John W. Lowry
District Drilling and Production
Superintendent

TEN POINT COMPLIANCE PROGRAM
OF NTL-6 APPROVAL OF OPERATIONS

Raymond T. Duncan
#1-1 Navajo
710' FSL and 1180' FEL
Sec. 1, T42S - R24E
San Juan County, Utah

1. The outcropping geologic formation is the Dakota.
2. The estimated formation tops to be encountered are as follows:

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
DeChelly	2570'	+2310'
Hermosa	4480'	+1400'
Ismay	5330'	- 450'
Lower Ismay	5450'	- 570'
Gothic Shale	5490'	- 610'
Desert Creek	5510'	- 630'
Chimney Rock Shale	5690'	- 810'
T.D.	5750'	

3. The following depths are estimated for oil, gas, coal and water bearing zones.

<u>Substances</u>	<u>Formation</u>	<u>Anticipated Depth</u>
Oil/Gas	Desert Creek	5510'

4. The proposed casing program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	
Conductor	0-110'	17-1/2"	13-3/8"	48#	K-55	ST&C	New
Surface	0-1300'	12-1/4"	8-5/8"	24#	K-55	ST&C	New
Production	0-5750'	7-7/8"	5-1/2"	15.5#	K-55	ST&C	New

The cement program will be as follows:

<u>Conductor</u> 0-110'	<u>Type and Amount</u> Cement to surface.
<u>Surface</u> 0-1300'	<u>Type and Amount</u> Cement to surface with Class "G" plus additives
<u>Production</u> 0-5750'	<u>Type and Amount</u> 300 ss. Class "G" plus additives, or sufficient to cover zones of interest.

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A Petroleum Permitting Company

TEN POINT COMPLIANCE PROGRAM
OF NTL-6 APPROVAL OF OPERATIONS

Raymond T. Duncan
#1-1 Navajo
710' FSL and 1180' FEL
Sec. 1, T42S - R24E
San Juan County, Utah

5. Blowout preventer stack will consist of a 10", 3000# W.P. BOP. See BOP Diagram. Equipment will be tested prior to drilling out from under surface and operational checks will be made daily thereafter.

6. Drilling fluid will be as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>F/L</u>
0-4000'	Natural	9.0-9.2	35	10-20
4000' - T.D.	Chem Gel	9.5-11.0	45	5-10

7. Auxiliary equipment to be used is as follows:

- Kelly Cock
- Float above the bit.
- Monitoring of the system will be done visually.
- A sub with a full opening valve will be on the floor when the kelly is not in use.

8. Testing, logging and coring will be as follows:

- No cores will be run.
- One Drill Stem Test will be run in the Desert Creek.
- The logging program will consist of a Dual Induction from 4200' to T.D.; BHC Acoustic from 1800' to T.D. and a BHC Density/CNL from 4200' to T.D.
- Stimulation will be determined after the evaluation of the logs and any DST's that are run. If treatment is needed, a sundry notice will be submitted.
- We request permission to flare the Desert Creek formation for a period of 120 days. This time period is necessary to adequately evaluate the extent of the reservoir and to analyze the decline rates.

9. No abnormal pressures or hydrogen sulfide gas are anticipated during the course of drilling to T.D. The maximum bottom hole pressure to be expected is 2500 psi.

10. Raymond T. Duncan plans to spud the #1-1 Navajo on November 15, 1982 and intends to complete the well within approximately one month after the well has reached T.D.

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A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS TO ACCOMPANY A.P.D.

Raymond T. Duncan
#1-1 Navajo
710' FSL and 1180' FEL
Section 1, T42S - R24E
San Juan County, Utah

Gentlemen:

We submit the following application and plats for permission to drill the #1-1 Navajo.

1. Existing Roads

- a. The proposed well site and elevation plat is shown on Plat #1.
- b. Directions to the location from Montezuma Creek, Utah are as follows: From the San Juan River Bridge go southerly on blacktop 0.4 miles to the Red Mesa Highway. Take Red Mesa Highway southeasterly 1.2 miles to gravel road. Proceed south easterly on a 2 lane gravel road parallel to the river for 6.3 miles to the wash. Cross wash, turn south and parallel the wash for 3.5 miles to the location. No new access is required.
- c. For access roads - See Map #1.
- d. All existing roads within a 3-mile radius are shown on Map #1.
- e. This is a development well. All roads within a one-mile radius of the well site are shown on Map #1.
- f. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- g. Improvement to existing access will be necessary in spots and will be limited to a total existing disturbed width. No new construction will be necessary. Surfacing material will not be placed on the access road or location without prior BIA approval.
- h. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

2. Planned Access Roads

- a. No new access will be required.
- b. The grade will be 5% or less.

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A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Raymond T. Duncan
#1-1 Navajo
710' FSL and 1180' FEL
Section 1, T42S - R24E
San Juan County, Utah

2. Planned Access Roads

- c. No turnouts are planned.
- d. There will be no ditching. Water bars will be constructed as directed by the Bureau of Indian Affairs to control erosion. (To be done at a later date is production is established.)
- e. Drainage from the South will be diverted into an existing drainage on the West side of the location.
- f. No culverts will be installed. Low water crossing will be used as deemed necessary by the dirt contractor. Maximum cut is 18 feet. Maximum fill is 2 feet.
- g. Only native materials will be utilized.
- h. No gates, cattleguards, or fence cuts will be necessary.
- i. There will be no new access.

3. Location of Existing Wells Within a Two-Mile Radius (See Map #2)

- a. Water wells - none
- b. Abandoned wells - nineteen
- c. Temporarily abandoned wells - none
- d. Disposal wells - none
- e. Drilling wells - none
- f. Producing wells - sixteen
- g. Shut-in wells - none
- h. Injection wells - none
- i. Monitoring observation wells - none

4. Location of Existing and or Proposed Facilities

- a. There is one set of production facilities owned or controlled by Raymond T. Duncan within a one-mile radius of the proposed well.
- b. New facilities contemplated in the event of production are shown on Diagram #1.

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MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Raymond T. Duncan
#1-1 Navajo
710' FSL and 1180' FEL
Section 1, T42S - R24E
San Juan County, Utah

4. Location of Existing and/or Proposed Facilities (cont.)

- b. 1. Proposed tank battery will be located as shown on Diagram #1.
2. All flow lines from well site to battery site will be buried below frost line depth.
3. Dimensions of the facilities will be 156 feet long and 148 feet wide. See Diagram #1.
4. All above ground facilities will be painted a sand color to be approved by the Bureau of Indian Affairs.
5. Only native materials will be utilized.
6. The reserve pit will be fenced and allowed to dry. Then all pits will be backfilled. The location not needed for production will be leveled, contoured and reseeded as per BIA requirements.
7. An earthen dike utilizing subsoil in the surrounding area will be built around the storage tanks and separator to contain oil should a leak occur. Any necessary pits will be properly fenced to prevent any wildlife entry. The production pit will be flagged overhead.
8. If production is established, the road will be upgraded to an all-weather road as per BIA requirements.

5. Location and Type of Water Supply

- a. The source of water will be the San Juan River which is located in Section 13, T41S - R24E. Directions to the water source are shown on Map #1.
- b. Water will be trucked to location over the roads marked on Map #1.
- c. No water well is to be drilled on this lease.
- d. A temporary use permit will be obtained from the Navajo Division of Water and Sanitation before using this water source.

6. Source of Construction Materials

- a. Only native materials are to be utilized.

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A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Raymond T. Duncan
#1-1 Navajo
710' FSL and 1180' FEL
Section 1, T42S - R24E
San Juan County, Utah

6. Source of Construction Materials

- b. No construction materials will be taken off Indian Land.
- c. Surface and subsoil materials in the immediate area will be utilized. Any gravel will be purchased from a commercial source.
- d. All major access roads are shown on Map #1.

7. Methods for Handling Waste Disposal

- a. Drill cuttings are to be contained and buried in the reserve pit.
- b. Drilling fluids are to be contained in the reserve pit.
- c. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- d. A chemical porta-toilet will be furnished with the drilling rig.
- e. If a trash pit is used, it will be constructed near the mud tanks with steep sides and dug at least six feet into solid undisturbed material. It will be totally enclosed with fine mesh wire before the rig moves in.
- f. The reserve pit will be lined at the discretion of the dirt contractor. At least half of the capacity will be in cut.
- g. Three sides of the reserve pit will be fenced with four strands of barbed wire before drilling operations begin. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.
- h. Trash will not be disposed of in the reserve pit. Garbage and non-flammable waste are to be contained in the trash pit. Flammable waste is to be contained in the burn pit. The trash is to be burned periodically and the remains buried when the well is completed.
- i. All trash, garbage, etc. is to be gathered and buried at the end of drilling operations and covered with a minimum of two feet of earth. Immediately on completion of drilling,

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MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Raymond T. Duncan
#1-1 Navajo
710' FSL and 1180' FEL
Section 1, T42S - R24E
San Juan County, Utah

7. Methods for Handling Waste Disposal

- i. The location and surrounding area will be cleared of all debris resulting from the operation. Non-burnable debris will be hauled to a local town dump. Reserve and mud pits will be allowed to dry after drilling is completed and then adequately filled and leveled. All garbage and sewage pits will be filled as soon as the rig leaves the location.

8. Ancillary Facilities

There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.

9. Well Site Layout

- a. See Diagram #2 for rig layout. See Diagram #3 for cross section of drill pad. See Diagram #4 for cuts and fills.
- b. The location of mud tanks; reserve, burn and trash pits; pipe racks; living facilities and soil stockpiles will be shown on Diagram #2. The location will be laid out and constructed as discussed during the pre-drill conference.

10. Plans for Restoration of Surface

- a. Immediately upon completion of drilling, all trash and debris will be collected from the location and surrounding area. All trash and debris will be disposed of in the trash pit and will then be compacted and buried under a minimum of two feet of compacted soil.
- b. The operator or his contractor will contact the BIA office in Shiprock, New Mexico (505/368-4427), 48 hours before starting reclamation work that involves earth moving equipment and upon completion of restoration measures.
- c. Before any dirt work to restore the location takes place, the reserve pit will be completely dry.
- d. All disturbed areas will be recontoured to blend as nearly as possible with the natural topography. This includes removing all berms and refilling all cuts.
- e. The stockpiled topsoil will be spread evenly over the disturbed area. All disturbed areas will be scarified with the contour to a depth of 12 inches.

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MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Raymond T. Duncan
#1-1 Navajo
710' FSL and 1180' FEL
Section 1, T42S - R24E
San Juan County, Utah

10. Plans for Restoration of Surface

f. Water bars will be built as follows to control erosion.

<u>Grade</u>	<u>Spacing</u>
2%	Every 200 feet
2-4%	Every 100 feet
4-5%	Every 75 feet
5+%	Every 50 feet

g. The entire disturbed area will be re-seeded as per BIA requirements.

h. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed as described in the reclamation section. Enough topsoil will be kept to reclaim the remainder of the location at a future date. This remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.

i. The access shall be upgraded as per BIA road specifications if production is established.

j. The top 8 inches of soil material will be removed from the location and stockpiled on the southeast side of the location. Topsoil along the access will be reserved in place.

11. Other Information

a. 1. Topography - characterized by highly eroded badlands, large precipitous ridges are in the general vicinity. Project area is situated along the west lower facing slopes of one such large ridge.

2. Soils - sandy to gravelly with areas of dense gravel appearing on deflated surfaces. Numerous dunes are also present formed by aeolian fine to medium grain deposited sand.

3. Vegetation - sparse including saltbush, snakeweed, epharad (mormon tea), and bunch grass.

4. Fauna - rabbits, snakes and other burrowing animals.

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MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Raymond T. Duncan
#1-1 Navajo
710' FSL & 1180' FEL
Section 1, T42S-R24E
San Juan County, Utah

11. Other Information (cont.)

- b. The surface in the area is owned by the Navajo Reservation and is used for restricted occasional sheep grazing.
- c. The nearest water is the San Juan River, Section 13, T41S-R24E.
- d. The nearest occupied dwelling is approximately 4 to 5 miles northeast of the location in Aneth, Utah.
- e. An archeological study was performed. No significant cultural resources were found and clearance is recommended. The Archeology Report has been submitted directly.
- f. Drilling will begin upon approval of this application.
- g. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the BIA office in Shiprock, NM will be contacted. All employees working in the area will be informed by the operator that they are subject to prosecution for disturbing archeological sites or picking up artifacts. Salvage or excavation of identified archeological sites will only be done if damage occurs.
- h. The operator will notify the BIA office in Shiprock, NM Monticello, Utah (505/368-4427) 48 hours prior to beginning any work on public land.
- i. The operator will give the dirt contractor a copy of the Surface Use Plan and any additional BIA stipulations before any work is done.

12. Lessee's or Operator's Representative

John Lowry will be Raymond T. Duncan's representative and can be reached by telephone in Denver, Colorado at his office (303/759-3303) or at home (303/922-2018). Please contact Lisa Green at (303/595-4051) for permit matters.

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that

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A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Raymond T. Duncan
#1-1 Navajo
710' FSL & 1180' FEL
Section 1, T42S-R24E
San Juan County, Utah

13. Certification (cont.)

the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Raymond T. Duncan and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

November 3 1982
Date

John W. Lowry
John W. Lowry, District Drilling &
Production Supervisor for
RAYMOND T. DUNCAN

Permitco

A Petroleum Permitting Company



Scale: 1" = 50'

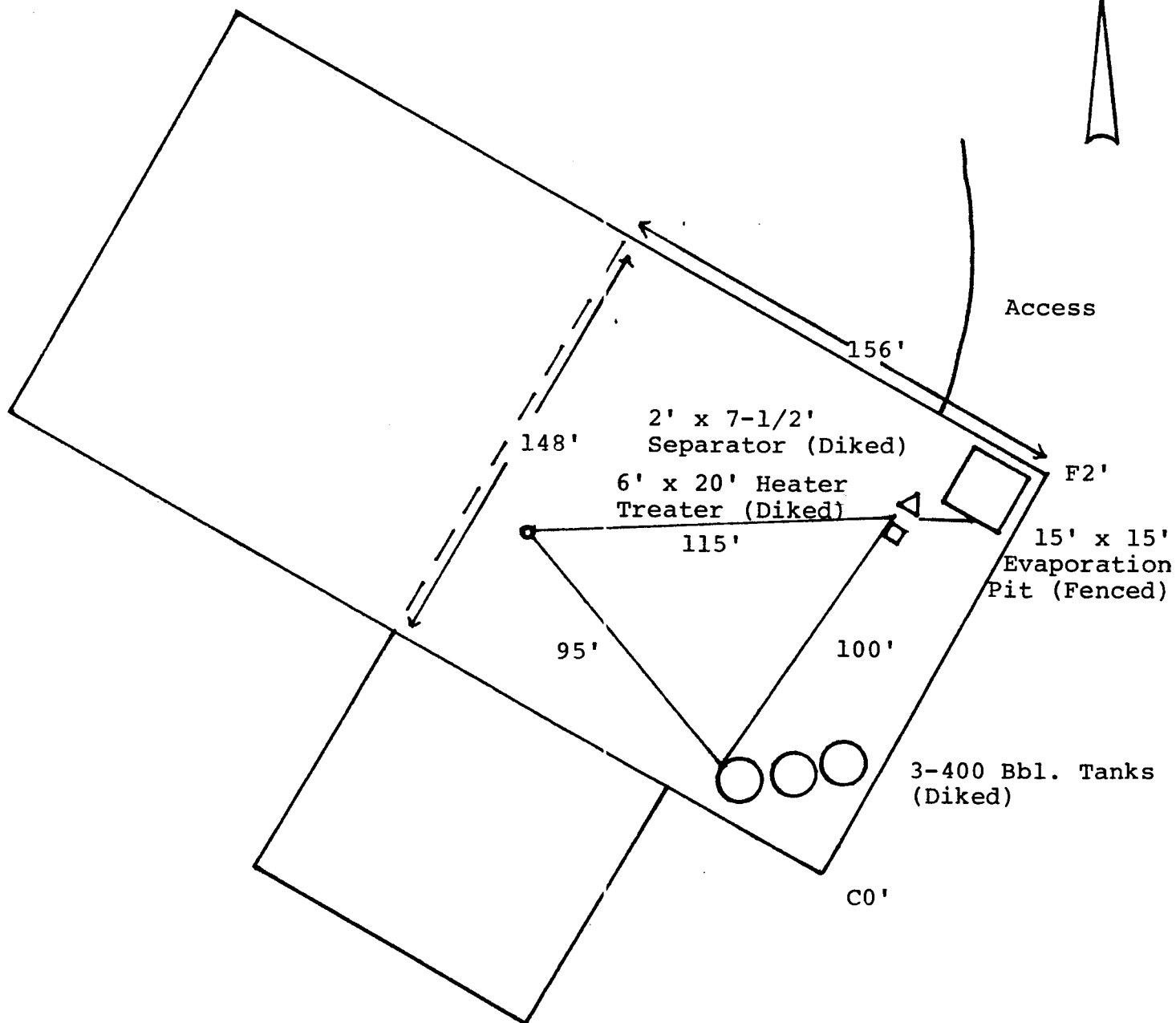


DIAGRAM #1
Raymond T. Duncan
#1-1 Navajo
710' FSL & 1180' FEL
Section 1, T42S-R24E
San Juan County, Utah
PRODUCTION FACILITIES LAYOUT

Scale: 1" = 50'

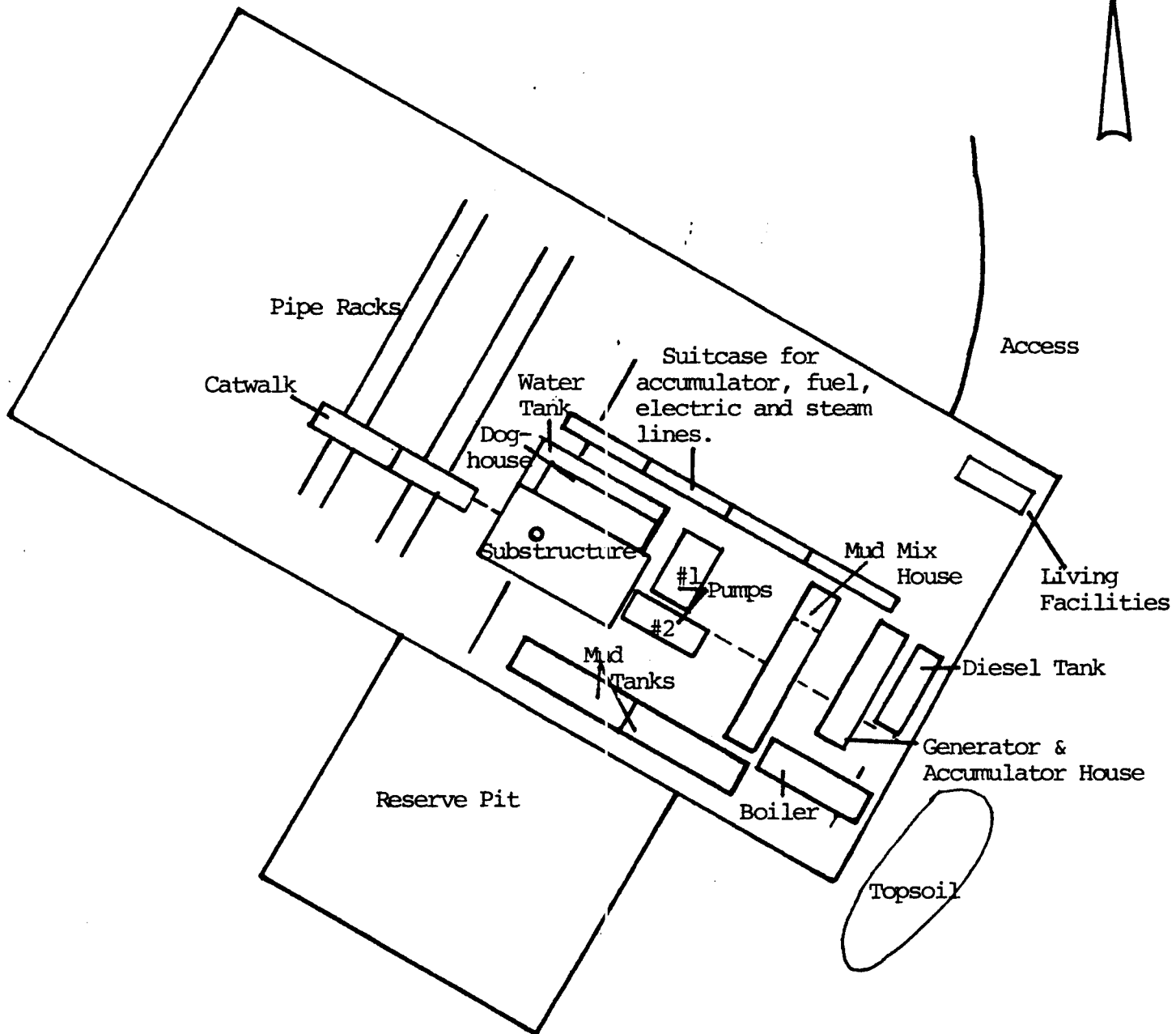


DIAGRAM #2
Rig Layout
Raymond T. Duncan
#1-1 Navajo
710' FSL & 1180' FEL
Section 1, T42S-R24E
San Juan County, Utah



#1-1 Navajo

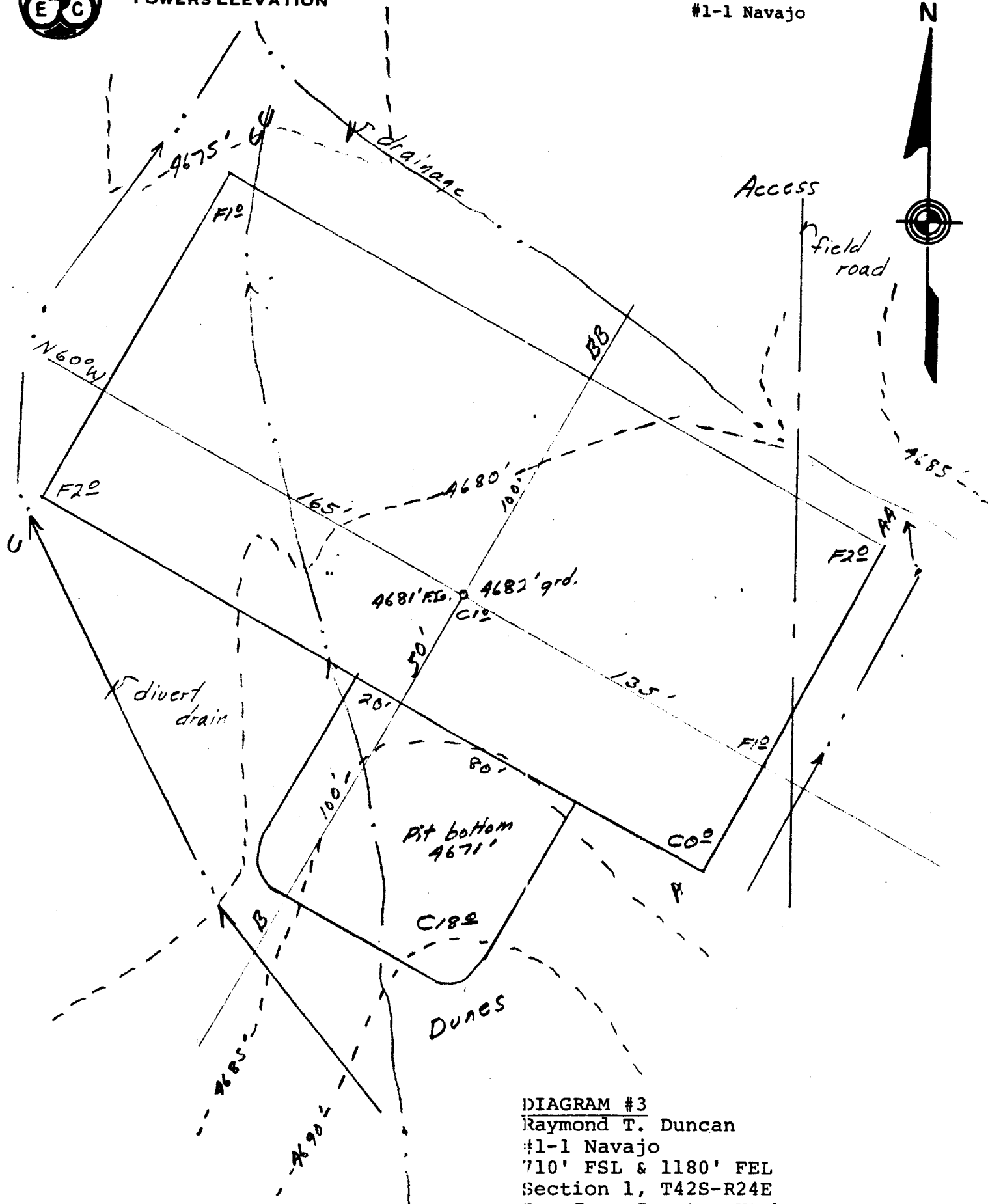




DIAGRAM #3
Raymond T. Duncan
#1-1 Navajo
710' FSL & 1180' FEL
Section 1, T42S-R24E
San Juan County, Utah



POWERS ELEVATION

Well 1-1 Navajo

Oil Well Elevations - Locations
Environmental - Archaeological Services
888 South Cherry Street, Suite 1201
Denver, Colorado 80222
Phone No. 303/281-3217

Cut  4500 C.Y.
Fill:  1500 C.Y.

Scales: 1"=50'H.
1'=20'V.

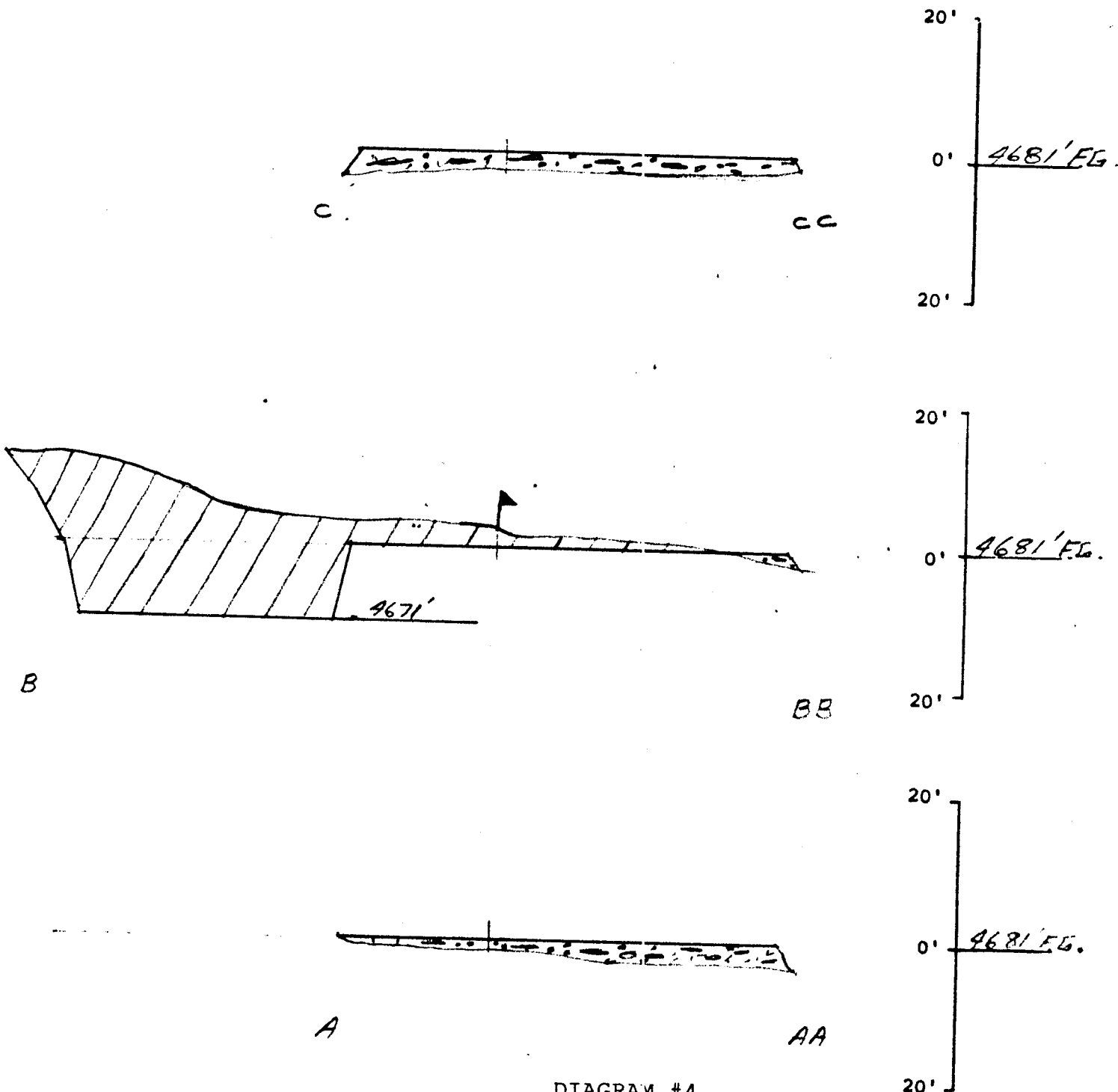


DIAGRAM #4
Raymond T. Duncan
#1-1 Navajo
710' FSL & 1180' FEL
Section 1, T42S-R24E
San Juan County, Utah

WELL NAME: _____

LOCATION : _____

9-5/8"
Drilling Nipple / "

7 "Circulating Line

B.O.P. Bld Rams 10 "x 3000 W.P.

B.O.P. D.P. Rams 10 "x 3000 W.P.

Not Required

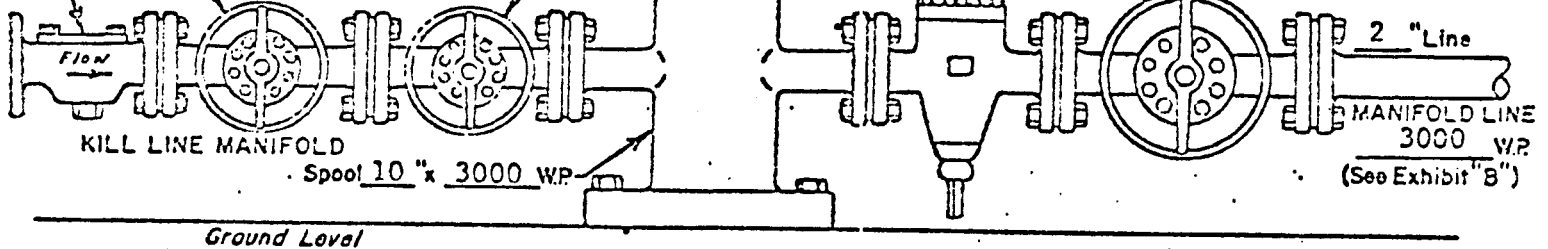
Hyd. Valve - " - - W.P. (Omit)

Check Valve 2 "x 3000 W.P.

Valve 2 " 3000 W.P.

Valve 2 " 3000 W.P.

Valve 2 " 3000 W.P.



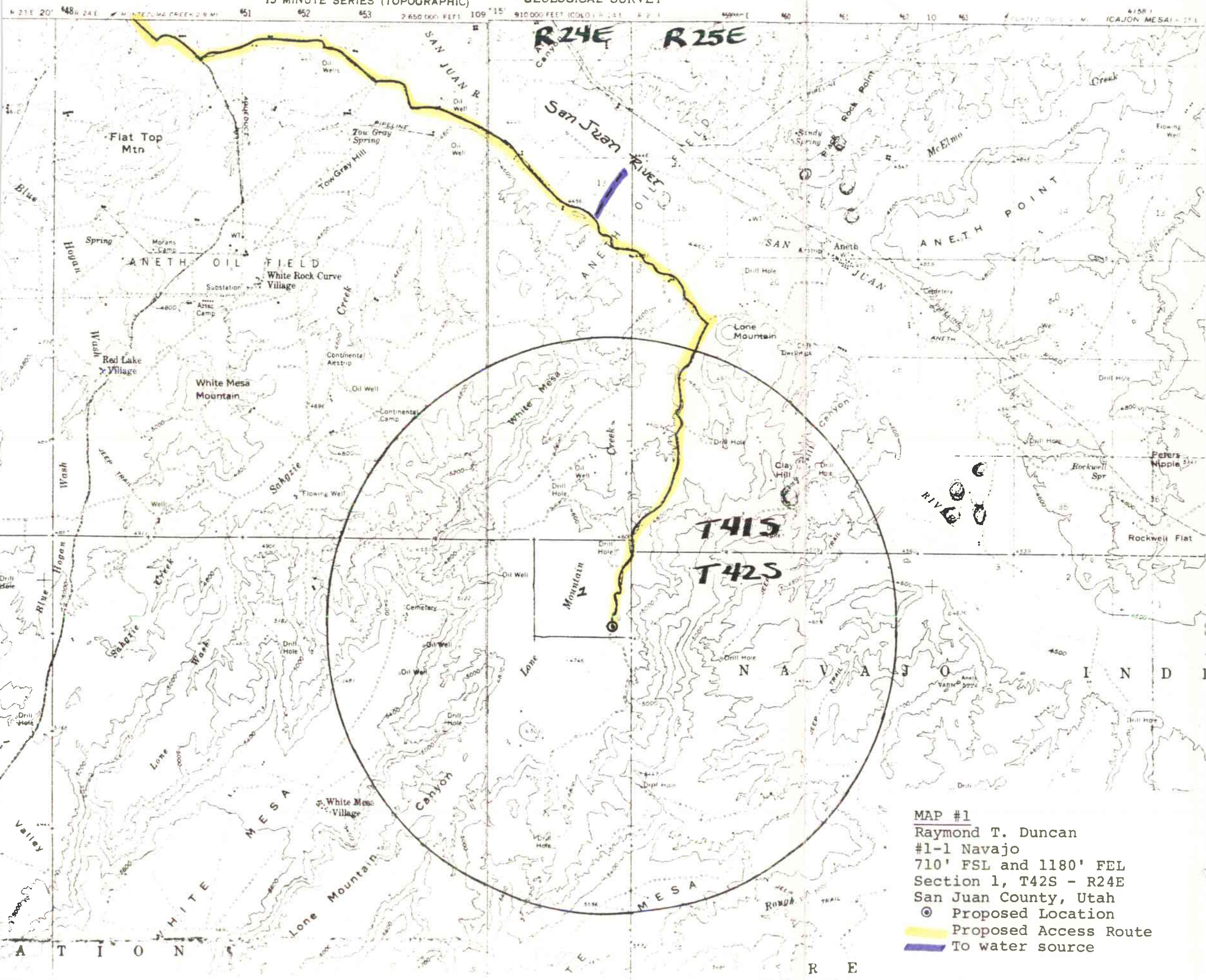
WELL HEAD B.O.P.

3000 #W.P.

☒ Hydraulic

WHITE MESA VILLAGE QUADRANGLE
UTAH
15 MINUTE SERIES (TOPOGRAPHIC)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



OPERATOR RAYMOND T DUNCAN DATE 11-9-82

WELL NAME NAVATO #1-1

SEC SE SE 1 T 42 S R 24 E COUNTY SANTUAN

43-037-30847
API NUMBER

INDIAN (NAVATO)
TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☒

HL

☐☐

NID

☒

PI

☐☒

MAP

☒☐

PROCESSING COMMENTS:

NO WELLS WITHIN 1000'

RJK ✓

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☐

c-3-a

CAUSE NO. & DATE

☐

c-3-b

☒

c-3-c

SPECIAL LANGUAGE:

☒ RECONCILE WELL NAME AND LOCATION ON A.P.D AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING *NAVAJO*

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☒ APPLY SPACING CONSIDERATION

☐ ORDER *NO*

☐ UNIT *NO*

☐ c-3-b

☒ c-3-c

☒ OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

☒ *POTASH*

November 9, 1982

Raymond T. Duncan
c/o Permitco
1777 South Harrison St.
Penthouse #1
Denver, Colorado 80210

RE: Well No. Navajo #1-1
SESE Sec. 1, T.42S, R.24E
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Engineer
Office: 533-5771
Home: 571-6068

OR

CLEON B. FREIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30847.

Sincerely,

Norman C. Stout
Administrative Assistant

NCS/as
cc: MMS/BIA
Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR
SUPERIOR OIL COMPANY
3. ADDRESS OF OPERATOR
P.O. DRAWER 'G', CORTEZ, COLORADO 81321
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 710' FSL, 1180' FEL Sec. 1
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>

(other) Change Surface & Production Casing.

5. LEASE N00-C-14-20-5119	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME NAVAJO	
9. WELL NO. #1-1	
10. FIELD OR WILDCAT NAME WILDCAT	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 1, T42S, R24E	
12. COUNTY OR PARISH SAN JUAN	13. STATE UTAH
14. API NO. 43-037-30847	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 4682' GR	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

9-5/8", 36#, K-55, ST&C surface casing and 7", 26# K-55, LT&C production casing will be run instead of 8-5/8" and 5-1/2" casing due to the shortage of tubular goods.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED James S. Andres TITLE Petroleum Engineer DATE 12-31-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

OIL GAS & MINING

Form 9-1123

MINIPEL'S, CAPPER

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: P.O. Box 146, Window Rock, Arizona 86515

SERIAL No.: NOO-C-14-20-5119

and hereby designates

NAME: Superior Oil Company

ADDRESS: 1860 Lincoln Street, 800 Lincoln Tower Bldg.
Denver, Colorado 80295

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 42 South - Range 24 East, SIM
Section 1: All
San Juan County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.


(Signature of lessee)

Raymond T. Duncan
1777 South Harrison, Penthouse One
Denver, Colorado 80210

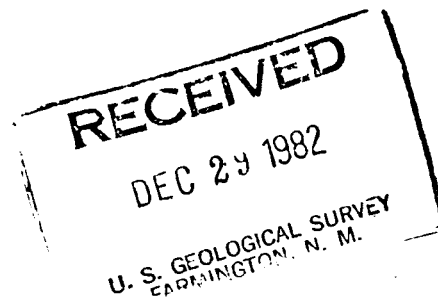
(Address)

12/21/82

(Date)

DL: 44-2-585-01

SUPERIOR OIL



Superior's representatives:

Permitting - W. H. Edwards
Construction - J. A. Calhoon
Drilling - J. E. Gagneaux
Production - V. L. Miller
Superintendent - C. L. Hill
24 hour telephone - 303/565-3733

Respectfully submitted,

SUPERIOR OIL COMPANY

James S. Andres

James S. Andres
Petroleum Engineer

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by the SUPERIOR OIL COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

12/29/82
Date

Charles L. Hill
Charles L. Hill
Area Production Superintendent

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

NAME OF COMPANY: Superior Oil

WELL NAME: Navajo 1-1

SECTION SE 1 TOWNSHIP 42S RANGE 24E COUNTY San Juan

DRILLING CONTRACTOR Bayless Drilling

RIG # 1

SPODDED: DATE 1-8-83

TIME 8:00 AM

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Greg Merrion

TELEPHONE # 303-565-3733

Raymond T. Duncan
Steve Fallin
303, 759-3303

DATE 1-7-83 SIGNED AS

SUPERIOR OIL

January 11, 1982

State Of Utah
Natural Resources & Energy
4241 State Office Building
Salt Lake City, Utah 84114

Re: Designation of Operator

Dear Arlene: ✓

As per our phone conversation on 1-10-83, attached is a copy of Superior Oil's "Designation of Operator" for the Navajo #1-1 well. If you need any further information feel free to call me at (303)-565-3733.

Sincerely,

SUPERIOR OIL COMPANY

T. Greg Merrion

T. Greg Merrion

TGM/lh
Attach.

RECEIVED
JAN 17 1983

**DIVISION OF
OIL GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐
well well
2. NAME OF OPERATOR
SUPERIOR OIL COMPANY
3. ADDRESS OF OPERATOR
P.O. DRAWER "G", CORTEZ, COLORADO 81321
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 710' FSL, 1180' FEL SEC. 1
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐
☐
☐

(other) Change Designation of Operator

5. LEASE
N00-C-14-20-5119
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
NAVAJO
9. WELL NO.
#1-1
10. FIELD OR WILDCAT NAME
WILDCAT
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 1, T42S, R24E
12. COUNTY OR PARISH
SAN JUAN
13. STATE
UTAH
14. API NO.
43-037-30847
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4682-GR

RECEIVED
DEC 29 1982

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

(No) Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Change of Operator from Raymond T. Duncan to SUPERIOR OIL COMPANY.

Attached is a copy of SUPERIOR OIL'S "Designation of Operator" for the subject well. Also attached is a certification.

SUPERIOR OIL COMPANY accepts the 10 point Drilling Program, the 12 point Surface Use Plan and stipulations of the APD.

RECEIVED
JAN 24 1983

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED James S. Andres TITLE Petroleum Engineer DATE 12-29-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

JAN 03 1983
JAMES F. SIMS
DISTRICT ENGINEER

*See Instructions on Reverse Side

OPERATOR

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

- DIVISION OF
GAS & TRAINING

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4682' GR .

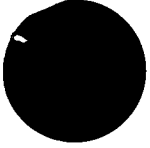

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

- Change of lease name from Navajo #1-1 to Lone Mountain Canyon #1-44 to conform to State requests in naming wells according to surrounding topography. Also in order to better coordinate naming and numbering of wells on the Navajo Reservation.

Set @ _____ Ft.

TITLE _____ DATE _____

***See Instructions on Reverse Side**

<div>DRILLING MUD, Inc. 6303 N. Portland • Phone 943-8326 or 745-2351 OKLAHOMA CITY, OKLAHOMA 73112</div> <div>FIELD SERVICE REPORT</div> <div></div>										DRILLING JD REPORT NO. 3																													
DATE 1/9 19 83										DEPTH 127 1/2																													
SPUD DATE 1-8-83										PRESENT ACTIVITY DRILLING																													
OPERATOR THE SUPERIOR OIL CO.										CONTRACTOR BANLESS										RIG NO. 1																			
REPORT FOR JIM GAGNEAUX										REPORT FOR DAN PHILLIPS										SECTION, TOWNSHIP, RANGE 1-43S-24E																			
WELL NAME AND NO. WHITE MESA 1-44 (NAVAJO 1-1)										FIELD OR BLOCK NO. W/K										County, Parish, or shore area SAN JUAN										STATE/PROVINCE UTAH									
DRILLING ASSEMBLY										CASING										MUD VOLUME (BBL)										CIRCULATION DATA									
BIT SIZE 12 1/4 TYPE J22 SET @ 12/12/15 SURFACE — FT										HOLE 158 PITS 400										PUMP SIZE 6 1/2 X 8 IN										ANNULAR VEL. (FT/MIN) 53 DC 61									
DRILL PIPE SIZE 4 1/2 TYPE KH LENGTH — INTERMEDIATE SET @ — FT										TOTAL CIRCULATING VOLUME 558										PUMP MAKE, MODEL OMEGA ASSUMED EFF 90 %										CIRCULATION PRESSURE (PSI) 300									
DRILL PIPE SIZE — TYPE — LENGTH — INTERMEDIATE SET @ — FT										IN STORAGE — WEIGHT —										BBL/STK 166 STK/MIN 100										BOTTOMS UP (MIN) 23									
DRILL COLLAR SIZE 6" - 7" LENGTH 188-403 PRODUCTION OR LINER SET @ — FT										MUD TYPE WATER										BBL/MIN 6.8 GAL/MIN 285										TOTAL CIRC. TIME (MIN) 82									
MUD PROPERTIES										MUD PROPERTY SPECIFICATIONS MZ: 232.2																													
Sample From <input checked="" type="checkbox"/> F.L. <input type="checkbox"/> PIT										WEIGHT MINIMUM										VISCOSITY WATER										FILTRATE N/C									
Time Sample Taken 6:55 AM										M A W A																													
Flowline Temperature °F —										A A																													
Depth (ft) 127 1/2										L T																													
Weight <input checked="" type="checkbox"/> (ppg) <input type="checkbox"/> (lb/cu.ft.) <input type="checkbox"/> Sp.G 8.5										E E																													
Funnel Viscosity (sec/qt) API @ °F 28										R R																													
Plastic Viscosity cP @ °F —										U U																													
Yield Point (lb/100 ft²) —										D F																													
Gel Strength (lb/100 ft²) 10 sec/10 min. —										C C																													
Filtrate API (cm³/30 min.) N/C										W O																													
API HTHP Filtrate (cm³/30 min.) @ °F —										A A W W																													
Cake Thickness (32nd in. API/HTHP) —										F F																													
Solids Content (% by Vol.) <input type="checkbox"/> calculated <input type="checkbox"/> retort —										E E																													
Liquid Content (% by Vol.) Oil/Water —										R R																													
Sand Content (% by Vol.) NIL																																							
Methylene Blue Capacity <input type="checkbox"/> lb/bbl equiv. <input type="checkbox"/> cm³/cm³ mud —																																							
pH <input checked="" type="checkbox"/> Strip <input type="checkbox"/> Meter @ °F 7.0																																							
Alkalinity Mud (Pm) —																																							
Alkalinity Filtrate (P1/M1) 0.1																																							
Alternate Alkalinity Filtrate (P1/P2) —																																							
Chloride (mg/L) 1100										1100																													
Total Hardness as Calcium (mg/L) 160										130																													
R/K MAKE UP WATER																																							
500 CHLORIDE 380 CALCIUM																																							
PRODUCT INVENTORY																																							
STARTING INVENTORY																																							
RECEIVED																																							
USED LAST 24 HR																																							
CLOSING INVENTORY																																							
COST LAST 24 HR																																							
ENGINEER DON D. BRYANT										HOME ADDRESS CORTEZ, COLORADO										TELEPHONE 565-4756																			
MOBILE UNIT UTE # 220 565-7310										WORKHOUSE LOCATION 24 HOUR ANS. SERVICE										TELEPHONE 565-6244																			

THANKS!

EQUIPMENT																			
SIZE					HRS/TOUR					SIZE					HRS/TOUR				
Centrifuge										Desilter									
Degasser										Shaker									
Desander										Other									
DAILY COST 0										CUMULATIVE COST 0									

FILE IN QUADRUPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED
JAN 31 1983

DIVISION OF
OIL GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: LONE MOUNTAIN CANYON #1-44 (Formerly Navajo 1-1, White Mesa 1-44)
Operator: SUPERIOR OIL COMPANY Address: P.O. DRAWER "G", CORTEZ COLORADO
Contractor: BAYLESS DRILLING CO. Address: 216 S. Hill, FARMINGTON, N. MEXICO
Location SE 1/4 SE 1/4; Sec. 1 T. 42 S, R. 24 E; San Juan County, Utah County
S XXX

Water Sands:

	<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
	From- To-	Flow Rate or Head	Fresh or Salty
1.	975' - 1038'	90 BPH	See attachment
2.			
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

Remarks:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

FILE IN QUADRUPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: LONE MOUNTAIN CANYON #1-44 (Formerly Navajo 1-1, White Mesa 1-44)
Operator: SUPERIOR OIL COMPANY Address: P.O.DRAWER "G", CORTEZ, COLORADO
Contractor: BAYLESS DRILLING CO. Address: 216 S.Hill, FARMINGTON, N.MEXICO
Location SE 1/4 SE 1/4; Sec. 1 T. 42 S, R. 24 E; San Juan County, Utah County.
S XXX

Water Sands:

	<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
	From- To-	Flow Rate or Head	Fresh or Salty
1.	975' - 1038'	90 BPH	See attachment
2.			
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

Remarks:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Form 9-330
(Rev. 5-63)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-5119

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

LONE MOUNTAIN CANYON

9. WELL NO.

#1-44

10. FIELD AND POOL, OR WILDCAT

WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SEC. 1, T42S, R24E

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

19. ELEV. CASINGHEAD

4681'

ROTARY TOOLS

0-5526'

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

No

27. WAS WELL CORED

No

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other

2. NAME OF OPERATOR

SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR

P.O. DRAWER "G", CORTEZ, COLORADO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 710' FSL, 1180' FEL, SEC. 1

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

43-037-30847

DATE ISSUED

11-9-82

15. DATE SPUDDED

1-8-83

16. DATE T.D. REACHED

1-26-83

17. DATE COMPL. (Ready to prod.)

2-2-83(DCII):2-8-83(DCI)

18. ELEVATIONS (DF, REB, BT, GR, ETC.)*

KB: 4694' GL: 4681'

20. TOTAL DEPTH, MD & TVD

5526'

21. PLUG, BACK T.D., MD & TVD

5430'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5341-88' (Desert Creek Zone I)

5407-16' (Desert Creek Zone II)

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-FDC-CNL, GR-BCS, GR-SP-SIL-SFL, GR-CCL-VDL-CBL

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5	94'	18"	cmt'd to surface	-
9-5/8"	36	1351'	12-1/4"	cmt'd to surface w/748sx	(1055 cu ft)
7"	26	5526'	8-3/4"	270 sx C1 'B' (324 cu ft)	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH-SET (MD)	PACKER SET (MD)
					2-7/8"	5304'	5304'

31. PERFORATION RECORD (Interval, size and number)

5341-88' (47 holes)

5407-16' (19 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5407-16'	1000 gal 28% HCL
5341-88'	5000 gal 28% HCL

33.*

PRODUCTION

DATE FIRST PRODUCTION

2-3-83

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST

2-3-83

HOURS TESTED

13

CHOKE SIZE

22/64

PROD'N. FOR TEST PERIOD

500

OIL—BBL.

271

GAS—MCF.

N/A

WATER—BBL.

7

GAS-OIL RATIO

N/A

FLOW. TUBING PRESS.

200 psig

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

N/A

WATER—BBL.

2

OIL GRAVITY-API (CORR.)

42.6

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented for test, will be sold at end of test period.

TEST WITNESSED BY

M. Miller

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

T. GREG MERRION

TITLE

Production Engineer

DATE

2-15-83

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), set state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Desert Creek	5341'	5416'	<p>Limestone & Dolomite - Oil & Gas</p> <p>DST: 5252 - 5425'</p> <p>Cushion: 60' 10.5# drilling mud.</p> <p>1-23-83 at 10:18 A.M.: Opened tool</p> <p>Initial press 1st flow: 659</p> <p>Final press 1st flow: 1000</p> <p>Initial press 1st closed in: 1000</p> <p>Final press 1st closed in: 1900</p> <p>Initial press 2nd flow: 1000</p> <p>Final press 2nd flow: 1688</p> <p>Initial press 2nd closed in: 1688</p> <p>Final press 2nd closed in: 1926</p>
			<p>Dakota</p> <p>Morrison</p> <p>Entrada</p> <p>Navajo</p> <p>Wingate</p> <p>Chinle</p> <p>DeChelly</p> <p>Organ Rock</p> <p>Hermosa</p> <p>Ismay</p> <p>L. Ismay</p> <p>Gothic</p> <p>Desert Creek</p> <p>Chimney Rock</p>
			<p>Surf est</p> <p>370' est</p> <p>390' est</p> <p>640' est</p> <p>985' est</p> <p>1315' est</p> <p>2352'</p> <p>2624'</p> <p>4326'</p> <p>5152'</p> <p>5267'</p> <p>5300'</p> <p>5316'</p> <p>5490' est</p>

NTL-6 PROGRAM

APPROVAL OF OPERATIONS.

#1-1 NAVAJO

710' FSL and 1180' FEL
Sec. 1, T42S - R24E
San Juan County, Utah

Prepared For:

RAYMOND T. DUNCAN

By:

PERMITCO
1020 Fifteenth Street, Suite 22E
Denver, Colorado 80202

Copies Sent To:

- 3 - MMS - Farmington, NM
- 3 - BIA - Shiprock, NM
- 2 - Tribal Compliance Office
(Montezuma Creek, UT)
- 1 - State of Utah, Minerals Division
- 1 - Raymond T. Duncan

Permitco

A Petroleum Permitting Company

BEST COPY
AVAILABLE

928



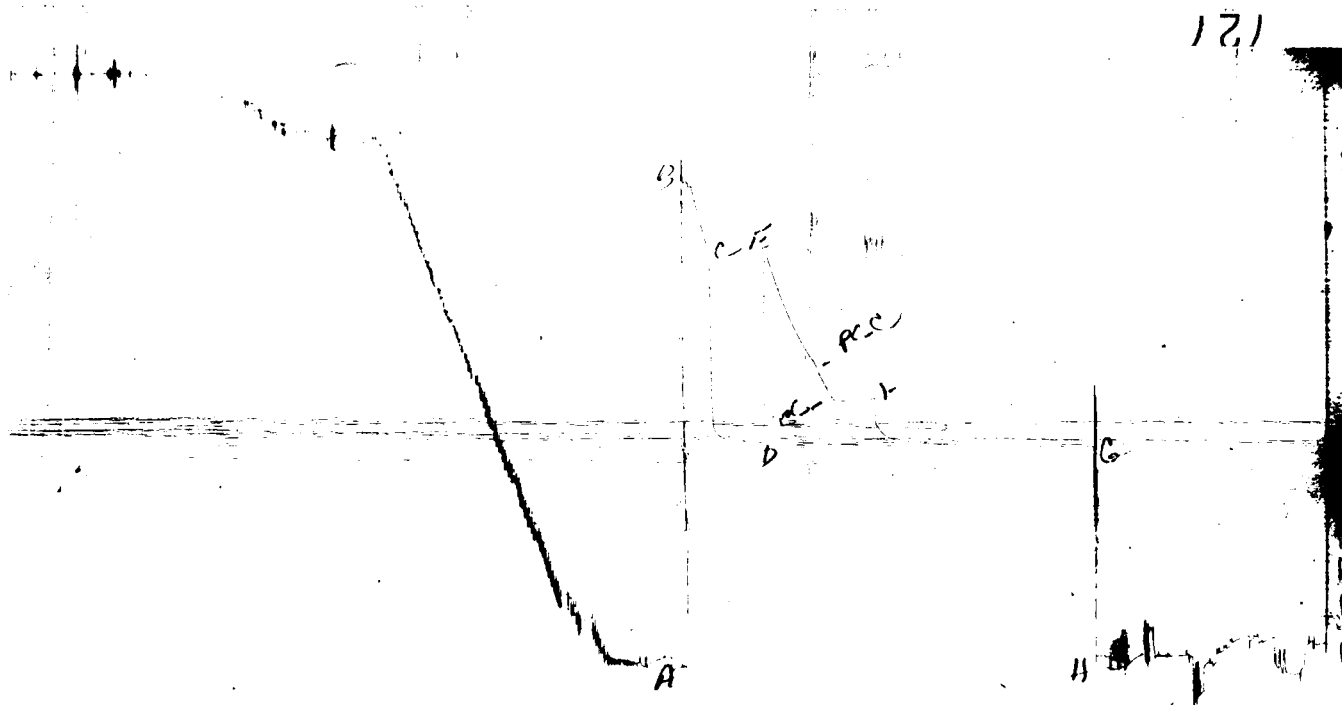
TICKET NO. 19624700
28-JAN-83
FARMINGTON

RECEIVED
FEB 07 1983

DIVISION OF
OIL GAS & MINING

FORMATION TESTING SERVICE REPORT

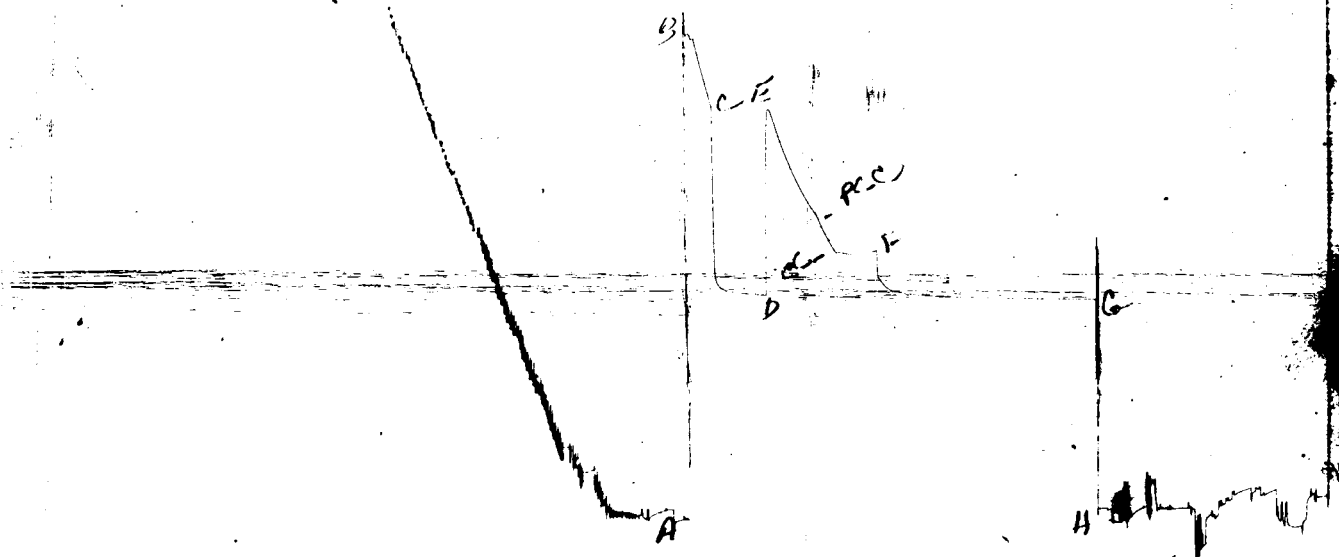
WHITE MESA	1-1	1	5252.1 - 5425.1	SUPERIOR OIL COMPANY
LEASE NAME	WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME
LEGAL LOCATION SEC. - TWP. - RNG.	42S 24E	FIELD AREA	WILDCAT	COUNTY
				SAN JUAN
				STATE UTAH
				I/J



196247-2033

GAUGE NO: 2033 DEPTH: 5230.0 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2949	2897.9			
B	INITIAL FIRST FLOW	428	494.5			
C	FINAL FIRST FLOW	905	905.7	15.0	14.9	F
C	INITIAL FIRST CLOSED-IN	905	905.7			
D	FINAL FIRST CLOSED-IN	1833	1834.0	30.0	29.4	C
E	INITIAL SECOND FLOW	905	918.5			
F	FINAL SECOND FLOW	1621	1616.0	60.0	61.0	F
F	INITIAL SECOND CLOSED-IN	1621	1616.0			
G	FINAL SECOND CLOSED-IN	1860	1860.7	120.0	119.7	C
H	FINAL HYDROSTATIC	2896	2892.0			



196247-2033

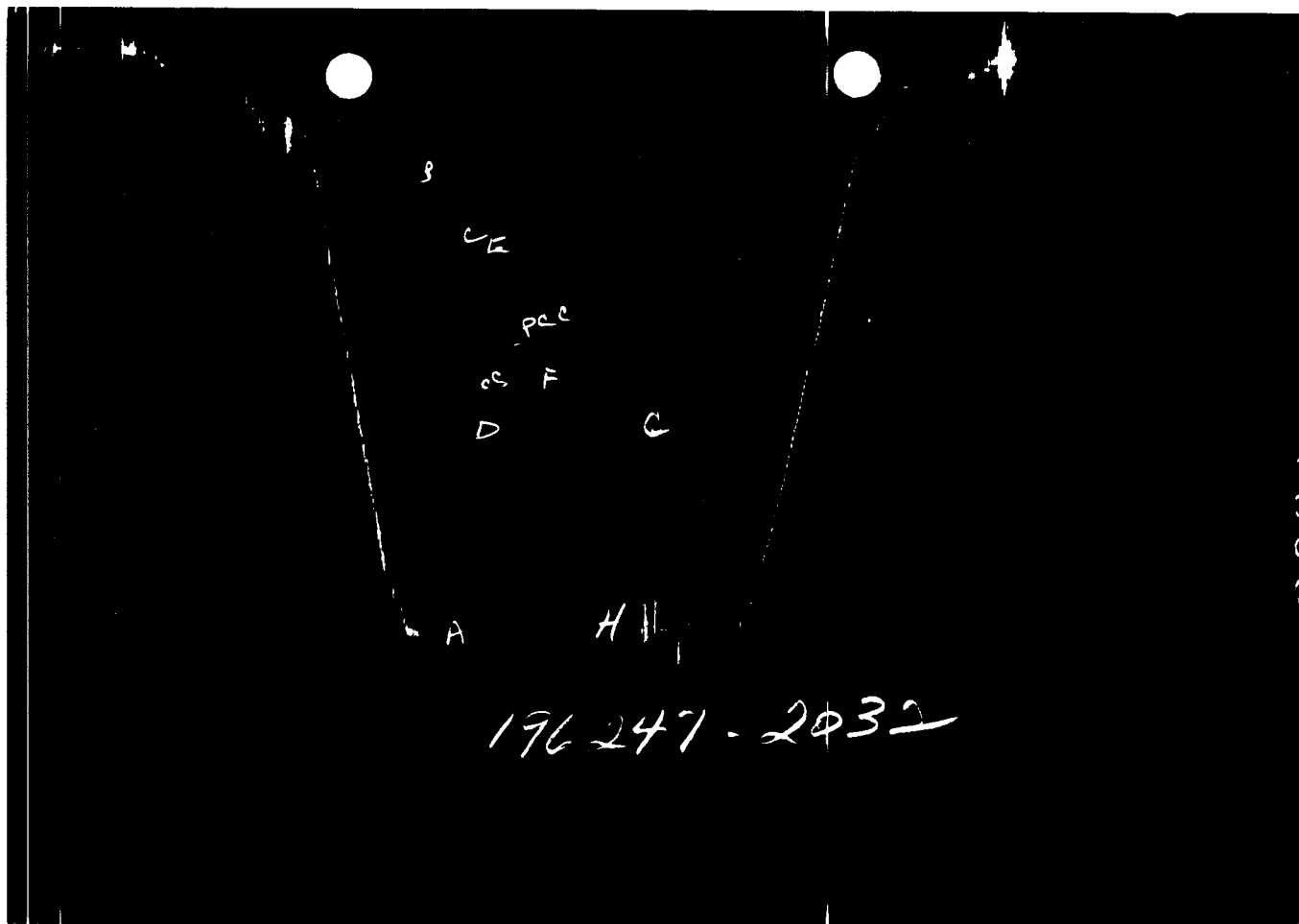
GAUGE NO: 2033 DEPTH: 5230.0 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2949	2897.9			
B	INITIAL FIRST FLOW	428	494.5			
C	FINAL FIRST FLOW	905	905.7	15.0	14.9	F
C	INITIAL FIRST CLOSED-IN	905	905.7			
D	FINAL FIRST CLOSED-IN	1833	1834.0	30.0	29.4	C
E	INITIAL SECOND FLOW	905	918.5			
F	FINAL SECOND FLOW	1621	1616.0	60.0	61.0	F
F	INITIAL SECOND CLOSED-IN	1621	1616.0			
G	FINAL SECOND CLOSED-IN	1860	1860.7	120.0	119.7	C
H	FINAL HYDROSTATIC	2896	2892.0			

47-2032

GAUGE NO: 2032 DEPTH: 5422.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	3041	3019.1			
B	INITIAL FIRST FLOW	659	663.6	15.0	14.9	F
C	FINAL FIRST FLOW	1000	992.4			
C	INITIAL FIRST CLOSED-IN	1000	992.4	30.0	29.4	C
D	FINAL FIRST CLOSED-IN	1900	1903.7			
E	INITIAL SECOND FLOW	1000	1029.5	60.0	61.0	F
F	FINAL SECOND FLOW	1688	1697.5			
F	INITIAL SECOND CLOSED-IN	1688	1697.5	120.0	119.7	C
G	FINAL SECOND CLOSED-IN	1926	1934.8			
H	FINAL HYDROSTATIC	2988	2988.2			



GAUGE NO: 2032 DEPTH: 5422.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	3041	3019.1			
B	INITIAL FIRST FLOW	659	663.6			
C	FINAL FIRST FLOW	1000	992.4	15.0	14.9	F
C	INITIAL FIRST CLOSED-IN	1000	992.4			
D	FINAL FIRST CLOSED-IN	1900	1903.7	30.0	29.4	C
E	INITIAL SECOND FLOW	1000	1029.5			
F	FINAL SECOND FLOW	1688	1697.5	60.0	61.0	F
F	INITIAL SECOND CLOSED-IN	1688	1697.5			
G	FINAL SECOND CLOSED-IN	1926	1934.8	120.0	119.7	C
H	FINAL HYDROSTATIC	2988	2988.2			

EQUIPMENT & HOLE DATA

FORMATION TESTED: DESERT CREEK
 NET PAY (ft): 47.0
 GROSS TESTED FOOTAGE: 173.0
 ALL DEPTHS MEASURED FROM: KELLY BUSHING
 CASING PERFS. (ft): 0
 HOLE OR CASING SIZE (in): 8.750
 ELEVATION (ft): 0
 TOTAL DEPTH (ft): 5425.0
 PACKER DEPTH(S) (ft): 5246. 5252
 FINAL SURFACE CHOKE (in): 0.375
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 10.50
 MUD VISCOSITY (sec): 38
 ESTIMATED HOLE TEMP. (°F): 0
 ACTUAL HOLE TEMP. (°F): 122 @ 5421.0 ft

TICKET NUMBER: 19624700DATE: 1-23-83 TEST NO: 1TYPE DST: OPEN HOLEHALLIBURTON CAMP:
FARMINGTONTESTER: DAVID DAVISWITNESS: JIMDRILLING CONTRACTOR:
BAYLESS DRILLING #1FLUID PROPERTIES FOR
RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
	° °F	ppm
	° °F	ppm
	° °F	ppm
	° °F	ppm
	° °F	ppm
	° °F	ppm

SAMPLER DATA

Pstg AT SURFACE: 900
 cu.ft. OF GAS: 3.63
 cc OF OIL: 1700
 cc OF WATER: 0
 cc OF MUD: 0
 TOTAL LIQUID cc: 1700

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): 45.4 @ 60°F
 GAS/OIL RATIO (cu.ft. per bbl): 338
 GAS GRAVITY: 0

CUSHION DATA

TYPE	AMOUNT	WEIGHT
DRILLING MUD (FT)	<u>60.0</u>	<u>10.50</u>

RECOVERED:

40 BARRELS OF OIL
 TOP 36.8 AT 60 DEGREES API GRAVITY
 MIDDLE 39.4 AT 60 DEGREES
 SAMPLER AT 45.4 AT 60 DEGREES.

MEASURED FROM
TESTER VALVE

REMARKS:

TICKET NO: 19624700

[illegible]

TICKET NO: 19624700

CLOCK NO: 14121 HOUR: 12


HALLIBURTON
SERVICES

GAUGE NO: 2033

DEPTH: 5230.0

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	494.5			
2	3.0	554.9	60.4		
3	6.0	597.6	42.7		
4	9.0	710.4	112.8		
5	12.0	808.9	98.4		
C 6	14.9	905.7	96.8		
FIRST CLOSED-IN					
C 1	0.0	905.7			
2	1.0	1580.5	674.8	0.9	1.203
3	2.0	1756.0	850.3	1.7	0.932
4	3.0	1780.5	874.8	2.5	0.779
5	4.0	1792.6	886.9	3.1	0.679
6	5.0	1799.6	893.9	3.7	0.600
7	6.0	1804.9	899.2	4.3	0.540
8	7.0	1809.2	903.5	4.7	0.497
9	8.0	1812.7	907.0	5.2	0.457
10	9.0	1815.0	909.3	5.6	0.423
11	10.0	1816.8	911.2	6.0	0.397
12	12.0	1819.8	914.1	6.6	0.351
13	14.0	1822.7	917.0	7.2	0.315
14	16.0	1824.9	919.2	7.7	0.286
15	18.0	1827.1	921.4	8.2	0.262
16	20.0	1828.4	922.7	8.5	0.242
17	22.0	1830.1	924.4	8.9	0.225
18	24.0	1831.4	925.7	9.2	0.210
19	26.0	1832.8	927.1	9.5	0.197
20	28.0	1834.0	928.3	9.7	0.185
D 21	29.4	1834.0	928.3	9.9	0.178
SECOND FLOW					
E 1	0.0	918.5			
2	5.0	986.9	68.4		
3	10.0	1121.2	134.3		
4	15.0	1231.8	110.6		
5	20.0	1322.1	90.3		
6	25.0	1402.8	80.6		
[1] 7	28.5	1441.0	38.2		
8	30.0	1482.9	41.9		
9	35.0	1574.9	92.0		
[2] 10	39.1	1626.7	51.7		
11	40.0	1623.9	-2.8		
12	45.0	1632.5	8.6		
13	50.0	1631.8	-0.7		
14	55.0	1627.3	-4.5		
15	60.0	1618.0	-9.3		
F 16	61.0	1616.0	-2.0		

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN					
F 1	0.0	1616.0			
2	1.0	1751.6	135.5	1.0	1.888
3	2.0	1761.3	145.2	2.0	1.589
4	3.0	1776.4	160.3	2.8	1.426
5	4.0	1789.4	173.3	3.8	1.299
6	5.0	1796.9	180.9	4.7	1.211
7	6.0	1803.2	187.1	5.6	1.136
8	7.0	1808.9	192.8	6.4	1.075
9	8.0	1812.7	196.7	7.3	1.020
10	9.0	1816.3	200.3	8.1	0.975
11	10.0	1819.4	203.3	8.8	0.935
12	12.0	1822.9	206.9	10.4	0.864
13	14.0	1826.8	210.7	11.8	0.808
14	16.0	1829.6	213.5	13.2	0.760
15	18.0	1831.6	215.5	14.6	0.718
16	20.0	1833.6	217.5	15.9	0.680
17	22.0	1835.3	219.2	17.0	0.649
18	24.0	1837.3	221.2	18.2	0.620
19	26.0	1837.9	221.9	19.4	0.594
20	28.0	1839.3	223.2	20.5	0.570
21	30.0	1841.5	225.5	21.5	0.548
22	35.0	1843.4	227.3	24.0	0.501
23	40.0	1846.0	230.0	26.2	0.463
24	45.0	1847.6	231.6	28.3	0.429
25	50.0	1848.9	232.9	30.1	0.401
26	55.0	1850.7	234.6	31.9	0.377
27	60.0	1851.7	235.7	33.5	0.355
28	70.0	1854.5	238.5	36.4	0.319
29	80.0	1856.0	239.9	39.0	0.290
30	90.0	1858.0	241.9	41.2	0.266
31	100.0	1859.2	243.1	43.2	0.245
32	110.0	1860.3	244.3	44.9	0.228
G 33	119.7	1860.7	244.7	46.5	0.213

LEGEND:

[1] POSSIBLE CHOKE CHANGE

[2] CHOKE CHANGE

REMARKS:

TICKET NO: 19624700

CLOCK NO: 9756 HOUR: 24



GAUGE NO: 2032

DEPTH: 5422.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	663.6			
2	3.0	696.9	33.2		
3	6.0	694.0	-2.9		
4	9.0	798.0	104.1		
5	12.0	896.3	98.3		
C 6	14.9	992.4	96.1		
FIRST CLOSED-IN					
C 1	0.0	992.4			
2	1.0	1775.8	783.4	1.0	1.189
3	2.0	1842.9	850.5	1.7	0.932
4	3.0	1857.5	865.2	2.5	0.775
5	4.0	1864.9	872.6	3.2	0.671
6	5.0	1871.8	879.4	3.7	0.601
7	6.0	1875.9	883.5	4.3	0.542
8	7.0	1880.0	887.6	4.8	0.495
9	8.0	1882.8	890.4	5.2	0.458
10	9.0	1885.1	892.7	5.6	0.425
11	10.0	1887.2	894.8	6.0	0.397
12	12.0	1890.5	898.1	6.6	0.351
13	14.0	1892.7	900.3	7.2	0.315
14	16.0	1894.7	902.3	7.7	0.286
15	18.0	1896.4	904.0	8.1	0.262
16	20.0	1898.3	905.9	8.5	0.242
17	22.0	1899.6	907.2	8.9	0.224
18	24.0	1900.8	908.4	9.2	0.210
19	26.0	1901.9	909.5	9.5	0.197
20	28.0	1903.4	911.1	9.7	0.185
D 21	29.4	1903.7	911.3	9.9	0.178
SECOND FLOW					
E 1	0.0	1029.5			
2	5.0	1068.0	38.5		
3	10.0	1196.6	128.6		
4	15.0	1303.7	107.1		
5	20.0	1399.1	95.4		
6	25.0	1474.5	75.4		
[1] 7	28.5	1518.0	43.5		
8	30.0	1548.7	30.7		
9	35.0	1640.9	92.2		
[2] 10	39.1	1700.0	59.1		
11	40.0	1700.8	0.8		
12	45.0	1711.2	10.4		
13	50.0	1713.5	2.2		
14	55.0	1709.3	-4.2		
15	60.0	1700.5	-8.7		
F 16	61.0	1697.5	-3.0		

















REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN					
F 1	0.0	1697.5			
2	1.0	1823.0	125.5	1.0	1.885
3	2.0	1834.5	137.0	1.9	1.596
4	3.0	1847.9	150.4	2.9	1.424
5	4.0	1859.7	162.2	3.8	1.297
6	5.0	1868.5	171.0	4.7	1.206
7	6.0	1875.8	178.3	5.6	1.133
8	7.0	1881.0	183.5	6.4	1.071
9	8.0	1884.1	186.6	7.2	1.022
10	9.0	1888.0	190.5	8.1	0.974
11	10.0	1890.5	193.0	8.8	0.935
12	12.0	1895.1	197.6	10.4	0.865
13	14.0	1898.8	201.3	11.8	0.807
14	16.0	1901.1	203.6	13.2	0.759
15	18.0	1904.0	206.5	14.6	0.717
16	20.0	1906.7	209.3	15.8	0.681
17	22.0	1908.5	211.0	17.0	0.649
18	24.0	1909.9	212.4	18.2	0.620
19	26.0	1911.2	213.8	19.4	0.593
20	28.0	1913.0	215.5	20.4	0.570
21	30.0	1913.9	216.4	21.5	0.548
22	35.0	1916.7	219.2	24.0	0.501
23	40.0	1918.8	221.3	26.2	0.462
24	45.0	1920.9	223.4	28.3	0.429
25	50.0	1922.5	225.0	30.2	0.401
26	55.0	1924.6	227.1	31.9	0.377
27	60.0	1926.1	228.6	33.5	0.355
28	70.0	1928.2	230.7	36.4	0.319
29	80.0	1930.0	232.5	39.0	0.290
30	90.0	1931.3	233.9	41.2	0.266
31	100.0	1933.3	235.8	43.2	0.245
32	110.0	1934.5	237.0	44.9	0.228
G 33	119.7	1934.8	237.3	46.5	0.213

LEGEND:

[1] POSSIBLE CHOKE CHANGE

[2] CHOKE CHANGE

REMARKS:

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	5.826	4691.8	
3		DRILL COLLARS.....	6.250	2.250	398.2	
51		PUMP OUT REVERSING SUB.....	5.750	3.000	1.0	5090.0
3		DRILL COLLARS.....	6.250	2.250	62.0	
50		IMPACT REVERSING SUB.....	6.000	3.000	1.0	5153.0
3		DRILL COLLARS.....	6.250	2.500	63.0	
13		DUAL CIP SAMPLER.....	5.030	0.750	7.0	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	5228.0
80		AP RUNNING CASE.....	5.000	2.250	5.0	5230.0
15		JAR.....	5.030	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	3.0	
70		OPEN HOLE PACKER.....	6.750	1.530	6.0	5246.0
70		OPEN HOLE PACKER.....	6.750	1.530	6.0	5252.0
3		DRILL COLLARS.....	6.250	2.500	128.0	
20		FLUSH JOINT ANCHOR.....	5.750	3.000	39.0	
81		BLANKED-OFF RUNNING CASE.....	5.750		4.0	5422.0
TOTAL DEPTH					5425.0	

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
P.O.DRAWER "G", CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 710' FSL, 1180' FEL, Section 1
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) First report of production	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 2-3-83 Superior Oil first sold oil from the Lone Mountain Canyon #1-44.
182 bbls oil was sold to the Permian Corp. (Run Ticket #3683915).

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED T. Greg Merrion TITLE Prod. Engineer DATE 2-24-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE N00-C-14-20-5119	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME LONE MOUNTAIN CANYON	
9. WELL NO. #1-44	
10. FIELD OR WILDCAT NAME WILDCAT	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 1, T42S, R24E	
12. COUNTY OR PARISH SAN JUAN	13. STATE UTAH
14. API NO. 43-037-30847	
15. ELEVATIONS (SHOW DF, KDB, AND WD) KB: 4694'	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

Form 9-331
Dec. 1973Form Approved.
Budget Bureau No. 42-R1424UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
P.O. DRAWER "G", CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 710' FSL, 1180' FEL, Section 1
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Drilling operations

SUBSEQUENT REPORT OF:

☐

☐

☐

☐

☐

☐

☐

☐

5. LEASE
N00-C-14-20-5119

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
LONE MOUNTAIN CANYON

9. WELL NO.
#1-44

10. FIELD OR WILDCAT NAME
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 1, T42S, R24E

12. COUNTY OR PARISH
SAN JUAN

13. STATE
UTAH

14. API NO.
43-037-30847

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB:4694'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- 12-5-82: Drilled 18" rat hole to 94'. Ran 13-3/8", 54.5# csg & cmt'd w/ 5 yards Redi-mix to surface.
- 1-8-83: Spudded well at 8:00 A. M. Drilling 12-1/4" hole.
- 1-10-83: Ran 9-5/8", 36#, K-55 ST&C surface csg to 1351'. Cmt'd csg w/ 488 sx (751 cu ft) B. J. Lite cmt w/ 10#/sk gilsonite & 0.4% Lodense, followed w/ 160 sx (187 cu ft) C1 'B' cmt w/ 2% CaCl. Did not circulate cmt - so - pumped 100 sx (117 cu ft) C1 'B' w/ 2% CaCl down annulus - circulated good cement & annulus stayed full.
- 1-24-83: 8-3/4" hole drilled to 5425'. Ran DST from 5252-5425'.
- 1-26-83: Reached TD of 5526' w/ 8-3/4" hole. Ran 7", 26#, K-55 csg. Cmt'd w/ 270 sx (324 cu ft) C1 'B' cmt w/ 5#/sk salt & .75% P-31 friction reducer.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED T. Greg Merrion TITLE Prod. Engineer DATE 2-24-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐
well well other2. NAME OF OPERATOR
SUPERIOR OIL COMPANY3. ADDRESS OF OPERATOR
P.O. DRAWER "G", CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 710' FSL, 1180' FEL, SEC. 1

AT TOP PROD. INTERVAL: Same

AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

(other) Test subject well past original 30 day test period.

5. LEASE

N00-C 14-20-5119

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

LONE MOUNTAIN CANYON

9. WELL NO.

#1-44

10. FIELD OR WILDCAT NAME

WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SEC. 1, T41S, R24E

12. COUNTY OR PARISH 13. STATE

SAN JUAN

UTAH

14. API NO.

43-037-30847

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB: 4694'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Your approval is requested to continue testing the subject well for an additional 30 days (March 5 thru April 3, 1983) past the original test period. The additional test time will allow Superior to run a drawdown test to determine the reservoir limit, thus supplying necessary information in deciding where to drill offset wells. At present Superior is dealing w/ Navajo Tribal personnel and individual grazing rights holders to obtain permission to lay oil, gas & water lines as shown on attached plat.

Once permission is granted, construction should take about one month. The subject well produces 200 MCFPD which will be flared during additional testing period.

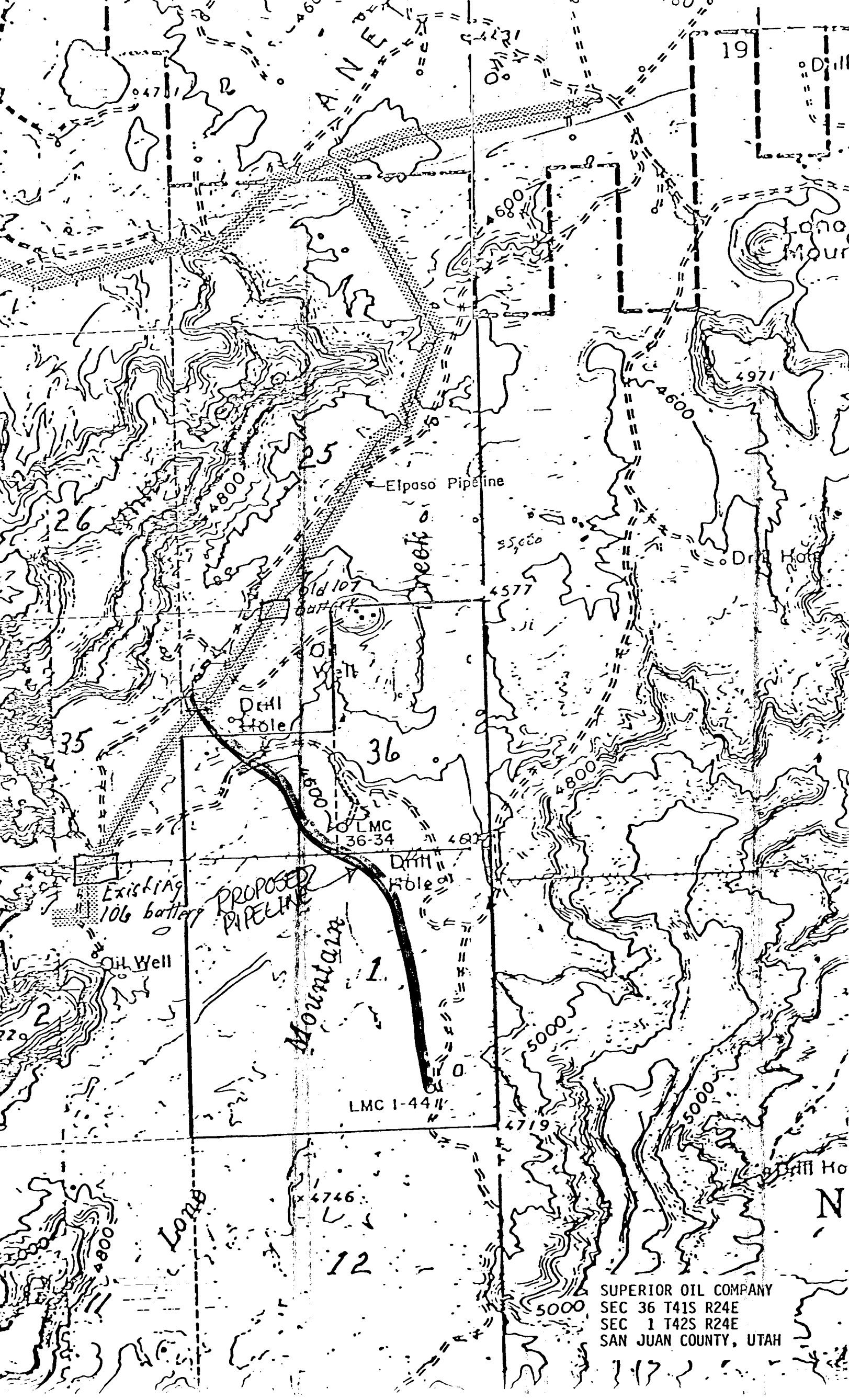
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED I. Greg Merriam TITLE Prod. Engineer DATE 3-2-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



19

El Paso Pipeline

PROPOSED
PIPELINE

Mountain
Creek

LMC 1-44

Existing
106 battery

Oil Well

SUPERIOR OIL COMPANY
SEC 36 T41S R24E
SEC 1 T42S R24E
SAN JUAN COUNTY, UTAH

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐
well well

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
P.O. DRAWER "G", CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 710' FSL, 1180' FEL of Section
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>

(other) Continue flaring gas additional 30 days

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Your approval is requested to continue flaring gas from the subject well for an additional 30 days (April 4 thru May 3, 1983). At present Superior is awaiting the review and approval of "Archaeological Clearance" from the BIA to lay oil, gas and water lines.

The subject well produces 200 MCFPD (6 MMCF per month) which will be flared during additional testing period.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED T. Greg Merritt TITLE Production Engineer DATE March 29, 1983

7. Greg Merritt

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐
2. NAME OF OPERATOR
SUPERIOR OIL COMPANY
3. ADDRESS OF OPERATOR
P. O. DRAWER 'G', CORTEZ, COLORADO 81321
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 710' FSL, 1180' FEL, SEC. 1
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐

(other) Report first sale of gas

5. LEASE
N00-C-14-20-5119
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
LONE MOUNTAIN CANYON
9. WELL NO.
#1-44
10. FIELD OR WILDCAT NAME
WILDCAT
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 1, T42S, R24E
12. COUNTY OR PARISH
SAN JUAN
13. STATE
UTAH
14. API NO.
43-037-30847
15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB: 4694'

NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 8/2/83 Superior Oil first sold gas from the subject well. The well produces approximately 200 MCFPD.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED T. Greg Merrion TITLE Production Engineer DATE 8/3/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 8, 1983

Superior Oil Company
P.O. Drawer "G"
Cortez, Colorado 81321

RE: See Attached Sheet

Gentlemen:

According to our records, "Well Completion Reports" filed with this office February 15, 1983 and March 2, 1982 from the above referred to wells, indicate the following electric logs were run: LMC #1-44 : GR-FDC-CN, GR-BCS, GR-SP-SIL-SFL, GR-CCL-VDL-CBL; LMC #36-34: CIL-SFL-GR, FDC-CNL-GR-CAL, GHC-GR-CAL, GR-CCL-VCL-CBL; HP #18-44: DIL-SFL-GR, LDT-CNL, BHC NGS: 4397-1624' DIL-SFL,GR, LDT-CNL, BHC, NGS: 5936-5436'. As of todays date, this office has not received these logs: LMC #1-44 GR-CCL-BDL-CBL; #36-34: GR-CCL-BDL-CBL; HP #18-44 All.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgment should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Claudia Jones
Well Records Specialist

CJ/cj

Attachment

Well No. Lone Mountain Canyon #1-44
API # 43-037-30847
San Juan County, Utah

Well No. Lone Mountain Cyn. #36-34
API # 43-037-30864
Sec. 36, T. 42S, R. 24E.
San Juan County, Utah

Well No. Horsehead Point #18-44
API # 43-037-30909
Sec. 18, T 36S, R. 25E.
San Juan County, Utah.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 28, 1984

Superior Oil Company
Western Division
P.O. Drawer "G"
Cortez, CO 81321

2nd NOTICE

RE: Well No. Lone Mtn. Cyn 1-44
API #43-037-30847
Sec. 1, T. 42S, R. 24E.
San Juan County, Utah

Gentlemen:

Our office contacted you on November 80, 1983 requesting that you send in the electric logs for the above referred to well.

According to our records, a "Well Completion Report" filed with this office February 15, 1982 from above referred to well, indicates the following electric logs were run: GR-FDC-CN, GR-BCS, GR-SP-SIL-SFL, and GR-CCL-VDL-CBL. As of of todays date, this office has not received this log: GR-CCL-VDL-CBL.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

****You are in violation of the above rule. If you wish to continue developing business in the State of Utah, compliance with pertinent rules and regulations is essential. Further delay in your attention to this matter may result in punitive action. Please submit the required information as stated above within fifteen (15) days.**

Respectfully,

Norman C. Stout
Administrative Assistant

NCS/cj
cc: Dianne R. Nielson, Director
Ronald J. Firth, Associate Director

*Please call me if there is
a special problem with
compliance.
Dianne R. Nielson*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(Other instructions
version 1/84)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

2

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER 'G', CORTEZ, COLORADO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

710' FSL & 1180' FEL of SEC. 1

14. PERMIT NO.

43-037-30847

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB: 4694'

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-5119

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

LONE MOUNTAIN CANYON

9. WELL NO.

#1-44

10. FIELD AND POOL, OR WILDCAT

LONE MOUNTAIN CANYON

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SEC. 1, T41S, R24E

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING XX

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- 11-28-84: MIRU. Acidized Desert Creek Perfs (5341-5416' O/A) w/ 4000 gals 28% HCL. Swabbed & flowed back load.
- 11-29-84: Killed well. POH w/ tbg & pkr. RIH w/ gas anchor, A/C, SN, & tbg. RIH w/ DHP & rods.
- 11-30-84: RDMO.

RECEIVED
DEC 20 1984

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED T. Greg Merriam

TITLE Petroleum Engineer

DATE 12-18-84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217

January 14, 1985

Utah Division of Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Dianne Nielson, Director

RECEIVED

FEB 01

DIVISION OF OIL,
GAS & MINING

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

As a result of the merger which became effective on September 28, 1984, The Superior Oil Companies ("Superior") is now a wholly owned subsidiary of Mobil Corporation.

Effective January 1, 1985, Mobil Oil Corporation began acting on behalf of The Superior Oil Companies as service contractor, for the purpose of performing comprehensive business management and related administrative services. To this end, Superior has entered into a Services Agreement with Mobil and has issued Powers of Attorney to certain Mobil employees, whereby Mobil has agreed to perform all of Superior's obligations and duties, and shall be entitled to enforce all of Superior's rights and privileges, including but not limited to all applicable Operating Agreements and leases (see attached). This shall include, without limitation, the making and receiving of payments, the giving and receiving of notices and other information, and the performance of all other related functions. Therefore, after December 31, 1984, notices to Superior or relative to its interests, assets or obligations should designate Mobil and be mailed to:

Mobil Oil Corporation
P.O. Box 5444
Denver, Colorado 80217-5444
Attention: R. D. Baker

PERMITS ONLY

(303) 298-2577

Enclosed is a list of all Superior wells. This list includes the well names, locations, API numbers and producing zone (if applicable).

We appreciate your consideration and cooperation. If you have any questions, please direct them to the undersigned.

Very truly yours,

R. D. Baker

R. D. Baker
Environmental & Regulatory Manager - West

Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(ORIGINAL AND TWO COPIES)
TO: BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-5119

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

LONE MOUNTAIN CANYON

9. WELL NO.

1-44

10. FIELD AND POOL, OR WILDCAT

LONE MOUNTAIN CANYON

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 1, T42S, R24E, SLM

12. COUNTY OR PARISH 13. STATE

SAN JUAN

UTAH

SUNDRY NOTICES AND REPORTS ON WEIS⁰⁵ 1985

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ CATHODIC PROTECTION DIVISION OF OIL GAS & MINING

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.

3. ADDRESS OF OPERATOR
P. O. DRAWER 'G', CORTEZ, COLORADO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

710' FSL, 1180' FEL (SESE) Sec. 1

14. PERMIT NO.

43-037-30847

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4682' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED WORK TO BE DONE (If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

To maximize effective corrosion control of metallic piping and structures down hole and above ground, Mobil Oil Corporation, Agent for Superior Oil Company, proposes to construct an electrified cathodic protection system consisting of a subsurface graphite anode bed connected to an above ground rectifier which has a lead connected to the well casing.

The construction will consist of a trench, 140' long, 6' deep and 2' wide in the old reserve pit area of the well location. All construction will be confined to existing disturbed area of well location. Existing electrical power to the well will be used for this cathodic protection system.

The construction area has previously been cleared archaeologically by the Bureau of Indian Affairs per clearance number BIA-LAC-82-383, dated December 24, 1982.

I hereby certify that the foregoing is true and correct

SIGNED

Chas. J. Benally

Sr. Regulatory Coordinator

8/30/85 DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

See back for instructions on re-
verse side.)

Expires August 31, 1988

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-5119

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lone Mtn. Canyon

9. WELL NO.

1-44

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 1 T42S R24E

12. COUNTY OR PARISH 13. STATE

San Juan

UT

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

A.P.A. Development Inc.

3. ADDRESS OF OPERATOR

P.O. Box 215, Cortez, CO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

14. PERMIT NO.

43-037-30847

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) Change of Operator

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)

Change of Operator from Mobil to A.P.A. Development Inc.

RECEIVED
FEB 07 1991

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Patricia E. Booley

TITLE Supervisor

DATE 1/21/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Mobil Oil Corporation

P.O. BOX 219031
DALLAS, TEXAS 75221-9031

February 15, 1991

FEB 19 1991

DIVISION OF
OIL, GAS & MINING

Utah Oil & Gas
Att: Steve Schneider
355 West N Temple Suite 350
Salt Lake City UT 84180

CHANGE OF OPERATOR

(LONE MOUNTAIN CANYON)

API NO. 1-11 4303731083 — 42S, 24E, Sec. 1
1-33 4303730908 — 42S, 24E, Sec. 1
1-44 4303730847 — 42S, 24E, Sec. 1
36-34 4303730864 — 42S, 24E, Sec. 36

This letter is to inform Utah Oil & Gas that MEPNA is no longer the operator of Lone Mountain Canyon. These properties were sold to APA Development effective date June 1, 1989 closing date December 6, 1989. Our report still indicate MEPNA as operator. To ensure accuracy please send newly corrected Oil and Gas Monthly Reports to:

Mobil Oil Corporation
Hobbs Asset Team
Att: Tangela Shavers
P O Box 219031
Dallas TX 75221-9031

Any questions call (214)658-2729. Your cooperation is well appreciated.

Sincerely,

TRS:llc

T. R. Shavers
Hobbs Asset Team Accounting
Dallas Accounting Center

A7472360

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)
☐ Designation of Operator

☐ Designation of Agent
☐ Operator Name Change Only

1- LCR
2- DTS
3- VLC
4- RJF
5- RWM
6- LCR

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-1-89)

TO (new operator) APA DEVELOPMENT, INC.
(address) P. O. BOX 215
CORTEZ, CO 81321
phone (303) 565-8245
account no. N 7185

FROM (former operator) M E P N A
(address) P. O. BOX 219031
DALLAS, TX 75221-9031
phone (214) 658-2690
account no. N7370

Well(s) (attach additional page if needed):

Name: <u>LONE MTN CYN 1-11/DSCR</u>	API: <u>4303731083</u>	Entity: <u>6030</u>	Sec <u>1</u> Twp <u>42S</u> Rng <u>24E</u>	Lease Type: <u>INDIAN</u>
Name: <u>LONE MTN CYN 1-33/TA</u>	API: <u>4303730908</u>	Entity: <u>11.75</u>	Sec <u>1</u> Twp <u>42S</u> Rng <u>24E</u>	Lease Type: <u>INDIAN</u>
Name: <u>LONE MTN CYN 1-44/DSCR</u>	API: <u>4303730847</u>	Entity: <u>6030</u>	Sec <u>1</u> Twp <u>42S</u> Rng <u>24E</u>	Lease Type: <u>INDIAN</u>
Name: <u>LONE MTN CYN 36-34/DSCR</u>	API: <u>4303730864</u>	Entity: <u>5985</u>	Sec <u>36</u> Twp <u>41S</u> Rng <u>24E</u>	Lease Type: <u>INDIAN</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. Amended Letter 2-13-91) (Rec. 2-19-91)
- Yes 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Reg. 2-5-91 by Steve S.) (Rec. 2-7-91)
- Yes 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) YES If yes, show company file number: #138468.
- Yes 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-14-91)
- Yes 6. Cardex file has been updated for each well listed above.
- Yes 7. Well file labels have been updated for each well listed above.
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-14-91)
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) NO (If entity assignments were changed, attach copies of Form 5, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

INDEXING

1. All attachments to this form have been microfilmed. Date: March 20 1991.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

910311 Errol Beecher / BLM Farmington N.M. "Says that the Navajo Tribe does not want any information regarding their leases, particularly the state, given out without their consent. that if we can obtain that consent from the Navajo Tribe they will be happy to put that info." I asked if he had anything in writing to that effect, and if he could put info. to our office. "He said he would check."

MAY 16 1994

ORIGINAL

A.P.A. DEVELOPMENT , INC./N7185
P.O. Box 215
Cortez, CO 81321-0215

May 12, 1994

Utah Oil, Gas and Mining
355 West North Temple St., Suite 350
Salt Lake City, Utah 84180-1203

Gentlemen:

Enclosed please find copies of "Designation of Operator" to verify that ownership and operation of NOO-C-14-20-5117 and NOO-C-14-20-5119 have been changed from A.P.A. Development, Inc. to Colorado Pica Petroleum Corporation.

Yours truly,

A.P.A. DEVELOPMENT, INC.



Patrick B. Woosley, President

PBW:jm

Enclosures as stated

RECEIVED
BLM

DESIGNATION OF OPERATOR

93 DEC 15 AM

070 11/15/93

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Santa Fe, New Mexico
SERIAL No.: N00-C-14-20-5119

and hereby designates

NAME: Colorado PICA Petroleum Corporation
ADDRESS: 2002 Rolling Road, Cortez, CO 81321

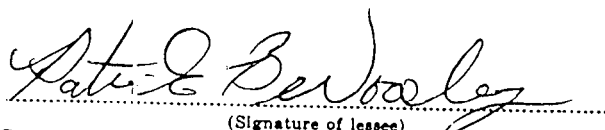
as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Legal description is contained on Exhibit A attached hereto and incorporated herein by this reference.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.



(Signature of lessee)

Patrick B. Woosley, President
A.P.A. Development, Inc.

P.O. Box 215, Cortez, CO 81321

(Address)

December 1, 1993

(Date)

U.S. GOVERNMENT PRINTING OFFICE: 1964-O-726-354

9 10-536

APR 25 1994

Pursuant to Secretarial
Redelegation Order 209 DM
8, Secretary's Order No.
3150, as amended, and 10 BIAM
Bulletin 13, as amended.

ACTING Navajo Area Director

DEC 14 1993

RES-Minerals Section

DESIGNATION OF OPERATOR

RECEIVED
90 DEC 15 7:11:06
BLM

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Santa Fe, New Mexico
SERIAL No.: NOO-C-14-20-5119

and hereby designates

NAME: Colorado PICA Petroleum Corporation
ADDRESS: 2002 Rolling Road, Cortez, CO 81321

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Legal description is contained on Exhibit A attached hereto and incorporated herein by this reference.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.


.....
(Signature of lessee)

Patrick B. Woosley, President
A.P.A. Development, Inc.

P.O. Box 215, Cortez, CO 81321
.....

(Address)

December 1, 1993
.....

(Date)

U.S. GOVERNMENT PRINTING OFFICE: 1964-O-726-354

9 10-536

Pursuant to Secretarial
Redelegation Order 209 DM 8,
Secretary's Order No. 3150,
as amended, and 10 BIAM
Bulletin 13, as amended.

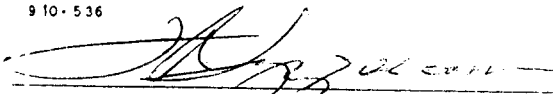

.....
Navajo Area Director

EXHIBIT A

Lands located in San Juan County, Utah

Township 42 South, Range 24 East, S.L.M.

Section 1: All

San Juan County, Utah

43-037-31083 / 1-11 NWNW

43-037-30908 / 1-33 NWSE

43-037-30847 / 1-44 SESE

COLORADO PICA PETROLEUM CORPORATION

2002 Rolling Road Cortez, Colorado 81321 (303) 565-4993

CT 28 1994

October 26, 1994

Att: Lisha Cordova
State of Utah
Division of Oil, Gas and Mining
355 West North Temple St., Suite 350
Salt Lake City, Utah 84180-1203

Dear Ms. Cordova,

Enclosed please find copies of the Navajo Nation assignment of Mining Lease for Lone Mountain Lease No. NOO-C-14-20-5117 and Lease No. NOO-C-14-20-5119.

Enclosed also are approved copies of Designation of Operator from the BLM for the above named leases.

We have not received BIA forms as they have written that they have a backlog.

I hope this will enable you to send to me the report forms 10 and 11 for monthly oil and gas production and disposition reports.

Yours truly,



V. Joyce Mari

Enclosures as stated

THE NAVAJO NATION
MINERALS DEPARTMENT
DIVISION OF NATURAL RESOURCES

OCT 28 1994

ASSIGNMENT OF MINING LEASE
PART I

Lease No. NOO-C-14-20-5119

1. **Original Lessee:** Raymond T. Duncan
2. **Date of Approval of Original Lease:** March 5, 1973
3. **Royalty Rate:** 16.67%
4. **Current Lease Description:**
T42S-R24E, S.L.M.
Section 1: All
San Juan County, Utah
Containing 640.00 acres, more or less.
5. **Description of Land Being Assigned:** T42S-R24E, S.L.M.
Section 1: All
San Juan County, Utah
Containing 640.00 acres, more or less
6. **Assignor:** A.P.A. Development, Inc.
7. **Assignee:** Colorado Pica Petroleum Corporation
8. **Portion of Rights/Title Under Transfer:** 50% operating rights from surface down to stratigraphic equivalent of 5,526', which is all of Assignor's interest.
9. **Reserved Overriding Royalties:** 3.33%
10. **Previous Assignments and Portion of rights/title transferred:**
(1) Assignment of a 2% of 8/8ths overriding royalty from Raymond T. Duncan to D-T Company dated 2/9/83.
(2) Assignment of a 1.33% of 8/8ths overriding royalty from Raymond T. Duncan to Raymond T. Duncan dated 2/9/83.
(3) Assignment of a 30% interest from Raymond T. Duncan to Vincent J. Duncan dated 2/10/83. Approved on 3/31/88.

If there have been more than three (3) previous assignments, please use continuation form(s).

The assignee shall furnish to the lessor (The Navajo Nation, c/o the Minerals Department, P.O. Box 146, Window Rock, AZ 86515), all copies of all reports filed with the Minerals Management Service and the Bureau of Land Management subsequent to federal laws and regulations, when filed. The assignee shall furnish also all oil and gas run tickets, copies of drillstem tests, pressure tests, core analyses, seismic data and any other information required by the Minerals Department for this lease.

Colorado Pica Petroleum Corporation

July 27, 1994

Date

Raymond T. Duncan
Assignee's Signature

President's Office - Approval

This assignment has been reviewed by the appropriate Departments of the Navajo Nation and is hereby approved.

SEP 28 1994

Date

[Signature]
President
The Navajo Nation

CONTINUATION SHEET

Lease No. NOO-C-14-20-5119

(4) Assignment of a 25% interest from Raymond T. Duncan to J. Walter Duncan, Jr.
dated 2/10/83. Approved on 3/31/88.

(5) Assignment of a 22.5% operating rights from surface down to the stratigraphic
equivalent of 5,526' from Raymond T. Duncan to the Superior Oil Company dated
2/11/83. Approved on 3/30/88.

(6) Assignment of a 15% operating rights from surface down to the stratigraphic
equivalent of 5,526' from Vincent J. Duncan to the Superior Oil Company dated
2/11/83. Approved on 3/30/88.

(7) Assignment of a 12.5% operating rights from surface down to the stratigraphic
equivalent of 5,526' from J. Walter Duncan, Jr. to the Superior Oil Company
dated 2/11/83. Approved on 3/30/88.

(8) Superior Oil Co. merged into Mobil Oil Company.

(9) Assignment of 50% operating rights from surface down to the stratigraphic
equivalent of 5526' from Mobil Exploration and Producing N.A. Inc., Navajo
Nation approved on January 19, 1990. BIA approval pending.

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Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LWC 7-PL
2- LWP 8-SJ
3- DTS 9-FILE
4- VLC
5- RJF
6- LWP

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold)

☐ Designation of Agent

☒ Designation of Operator

☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-25-94)

TO (new operator)	<u>COLORADO PICA PETRO. CORP.</u>	FROM (former operator)	<u>APA DEVELOPMENT INC</u>
(address)	<u>2002 ROLLING RD</u>	(address)	<u>PO BOX 215</u>
	<u>CORTEZ CO 81321</u>		<u>CORTEZ CO 81321</u>
	<u>V JOYCE MARI</u>		<u>PAT WOOSLEY, PRES.</u>
	phone (303) <u>565-4993</u>		phone (303) <u>565-2458</u>
	account no. <u>N 3500 (10-31-94)</u>		account no. <u>N 7185</u>

Well(s) (attach additional page if needed):

Name: <u>LONE MT CYN 36-34/DSCR</u>	API: <u>43-037-30864</u>	Entity: <u>5985</u>	Sec <u>36</u> Twp <u>41S</u> Rng <u>24E</u>	Lease Type: <u>INDIAN</u>
Name: <u>LONE MT CYN 1-11/DSCR</u>	API: <u>43-037-31083</u>	Entity: <u>6030</u>	Sec <u>1</u> Twp <u>42S</u> Rng <u>24E</u>	Lease Type: <u>INDIAN</u>
Name: <u>LONE MT CYN 1-33/TA</u>	API: <u>43-037-30908</u>	Entity: <u>11175</u>	Sec <u>1</u> Twp <u>42S</u> Rng <u>24E</u>	Lease Type: <u>INDIAN</u>
Name: <u>LONE MT CYN 1-44/DSCR</u>	API: <u>(43-037-30847)</u>	Entity: <u>6030</u>	Sec <u>1</u> Twp <u>42S</u> Rng <u>24E</u>	Lease Type: <u>INDIAN</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Rec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 5-16-94)
- Rec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 10-28-94)
- Rec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #138522 (EA 8-25-89)
- Rec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- LWP 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. 10-31-94
- WLP 6. Cardex file has been updated for each well listed above. 10-31-94
- LWP 7. Well file labels have been updated for each well listed above. 11-1-94
- Rec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (10-31-94)
- Rec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

- sec* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- ____ 2. A copy of this form has been placed in the new and former operators' bond files.
- ____ 3. The former operator has requested a release of liability from their bond (yes/no) ____.
Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- sec* 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓* 1. All attachments to this form have been microfilmed. Date: November 4 1999.

FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

5/1/2007

FROM: (Old Operator):
 N3500-Colorado Pica Petroleum Corporation
 2002 Rolling Rd
 Cortez, CO 81321
 Phone: 1 (303) 565-4993

TO: (New Operator):
 N1715-RIM Southwest Corporation
 5 Inverness Dr E
 Englewood, CO 80112
 Phone: 1 (303) 799-9828

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
LONE MT CYN 1-44	01	420S	240E	4303730847	6030	Indian	OW	P
LONE MT CYN 36-34	36	410S	240E	4303730864	5985	Indian	OW	P
LONE MT CYN 1-11	01	420S	240E	4303731083	6030	Indian	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/2/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/2/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 5/31/2007
- Is the new operator registered in the State of Utah: Business Number: 794466-0143
- If **NO**, the operator was contacted on: IN PLACE
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: OK
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA not yet
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/31/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/31/2007
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: n/a
- Indian well(s) covered by Bond Number: RLB0001937
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- The **FORMER** operator has requested a release of liability from their bond on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: NOO-C-14-20-5119
2. NAME OF OPERATOR: RIM Southwest Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo
3. ADDRESS OF OPERATOR: 5 Inverness Drive East CITY Englewood STATE CO ZIP 80112		7. UNIT or CA AGREEMENT NAME: Lone Mountain Canyon #1-44
4. LOCATION OF WELL FOOTAGES AT SURFACE: 710' FSL - 1180' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 1 42S 24E		8. WELL NAME and NUMBER: 43-037-30847
PHONE NUMBER: 303-799-9828		9. API NUMBER: Wildcat
COUNTY: San Juan		10. FIELD AND POOL, OR WILDCAT:
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 05/01/07	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

RIM Southwest Corporation certifies that it is authorized by the proper lease interest owners to conduct operations associated with this application. Bond coverage pursuant to 43CFR3104 for lease activities is being provided by RIM Southwest Corporation with their BIA Bond RLB0001937.

Colorado Pica Petroleum Corporation, the previous operator, hereby names RIM as successor operator effective May 1, 2007.

COLORADO PICA PETROLEUM CORPORATION

Joyce Mari
JOYCE MARI, PRESIDENT
2002 Rolling Rd Cortez CO 81321

N 3500

RECEIVED

MAY 02 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) RENE MORIN	TITLE VICE PRESIDENT
SIGNATURE <i>René Morin</i>	DATE 4/25/2007

(This space for State use only)

APPROVED 5/31/07
Earlene Russell
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NOO-C-14-20-5119
2. Name of Operator RIM Southwest Corporation		6. If Indian, Allottee, or Tribe Name The Navajo Nation
3a. Address 5 Inverness Drive East, Englewood CO 80112	3b. Phone No. (include area code) 303-799-9828	7. If Unit or CA. Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SE SE sec 1 T 42S R 24E		8. Well Name and No. Lone Mtn. Canyon 1-44
		9. API Well No. 43-037-30847
		10. Field and Pool, or Exploratory Area Clay Hill
		11. County or Parish, State San Juan Co., Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	Return to production
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Returned to sales on Friday, August 29, 2008.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed)

Kenneth J Kundrik

Title

Operations Engineer

Signature

Kenneth J Kundrik

Date

9/2/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

Date

SEP 09 2008

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FARMINGTON FIELD OFFICE

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

FARMINGTON

Shane OGD

RECEIVED

SEP 25 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
RIM Southwest Corp.

3a. Address
5 Inverness Drive East, Englewood CO 80112

3b. Phone No. (include area code)
303-799-9828

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE SE Sec 1 T 42S R 24E

5. Lease Serial No.
NOOC-14-20-5119

6. If Indian, Allottee, or Tribe Name
The Navajo Nation

7. If Unit or CA. Agreement Designation

8. Well Name and No.
Lone Mtn. Canyon 1-44

9. API Well No.
43-037-31472 30847

10. Field and Pool, or Exploratory Area
Clay Hill

11. County or Parish, State
San Juan Co., Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	Returned to sales
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Returned to sales on Friday, February 27, 2009.

RECEIVED
MAR 12 2009

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Name (Printed/ Typed)

Kenneth J Kundrik

Title

Operations Engineer

Signature

Kenneth J Kundrik

Date

3/2/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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Title

Date

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(Instructions on reverse)

MAR 09 2009

BLM FIELD OFFICE
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UTAH

OCD

(April 2004)

JUN 03 2009

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NOOC-14-20-5119
2. Name of Operator RIM Southwest Corp.		6. If Indian, Allottee, or Tribe Name The Navajo Nation
3a. Address 5 Inverness Drive East, Englewood CO 80112	3b. Phone No. (include area code) 303-799-9828	7. If Unit or CA. Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SESE sec 1 T 42S R 24E		8. Well Name and No. Lone Mountain Canyon 1-44
		9. API Well No. 43-037-31472 30847
		10. Field and Pool, or Exploratory Area Clay Hill
		11. County or Parish, State San Juan Co., Utah

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	Returned to sales
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Returned to sales on Monday, June 1, 2009 at 3:00 p.m.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed)

Kenneth J Kundrik

Title

Operations Engineer

Signature

Kenneth J. Kundrik

Date

6/2/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

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Title

Date

JUN - 4 2009

Office

FARMINGTON FIELD OFFICE

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(Instructions on reverse)

RECEIVED

NMOC

JUN 09 2009

DIV. OF OIL, GAS & MINING

(April 2004)

JUN 08 2009

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well



Oil Well



Gas Well



Other

2. Name of Operator

RIM Southwest Corp.

3a. Address

5 Inverness Drive East, Englewood CO 80112

3b. Phone No. (include area code)

303-799-9828

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SESE sec 1 T 42S R 24E

FORM APPROVED

OMB No. 1004-0135

Expires: July 31, 2010

5. Lease Serial No.

NOOC-14-20-5119

6. If Indian, Allottee, or Tribe Name

The Navajo Nation

7. If Unit or CA. Agreement Designation

8. Well Name and No.

Lone Mountain Canyon 1-44

9. API Well No.

43-037-31472

30847

10. Field and Pool, or Exploratory Area

Clay Hill

11. County or Parish, State

San Juan Co., Utah

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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	Venting
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

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Resolute Natural Resouces will be shutting in gasline for repairs on Thursday, May 28, 2009 thru Monday, June 1, 2009. We will be venting during this time.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed)

Kenneth J Kundrik

Title

Operations Engineer

Signature

Kenneth J. Kundrik

Date

5/28/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE**ACCEPTED FOR RECORD**

Approved by

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Title

Office

Date

JUN - 4 2009

FARMINGTON FIELD OFFICE
BY *[Signature]*

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(Instructions on reverse)

RECEIVED**NMOCD****JUN 09 2009****DIV. OF OIL, GAS & MINING**